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7 US-10-692-574-628 Sequence 1, Appl. 19.10-225-5674-628 Sequence 628, Appl. 20.10-225-5674-628 Sequence 19, Appl. 20.10-684-206-19 Sequence 19, Appl. 20.10-684-206-19 Sequence 26, Appl. 20.10-290-078-25 Sequence 26, Appl. 20.10-290-078-25 Sequence 26, Appl. 20.10-626-445-6 Sequence 6, Appl. 20.10-626-445-6 Sequence 6, Appl. 20.10-626-398-6 Sequence 6, Appl. 20.10-626-398-6 Sequence 6, Appl. 20.10-626-398-6 Sequence 5, Appl. 20.10-626-398-6 Sequence 5, Appl. 20.10-626-398-5 Sequence 5, Appl. 20.10-626-398-5 Sequence 3, Appl. 20.10-628-398-3 Sequence 1, Appl. 20.10-283-975A-697 Sequence 2, Appl. 20.10-283-975A-697 Sequence 2, Appl. 20.10-283-975A-697 Sequence 2, Appl. 20.10-283-975A-697 Sequence 2, Appl. 20.10-6981-053-2 Sequence 5, Appl. 20.10-759-463-2 Sequence 5, Appl. 20.10-759-463-5 Sequence 5, Appl. 20.10-759-750-750-750-750-750-750-750-750-750-750	RESULT 1 US-10-626-445-7 Sequence 7, Application US/10626445 Publication No. USZ040248252A1 GENERAL INFORMATION: APPLICANT: Lovenberg, Timothy APPLICANT: Liu, Changlu TITLE OF INVENTION: DAMS Encoding Mammalian Histamine Receptor Of The H4 Subtype PILE REFERENCE: PRD-0032 CURRENT FILING DATE: 2003-07-23 PRIOR PLLING DATE: 2003-07-23 PRIOR PLLING DATE: 2000-05-31 PRIOR PAPLICATION NUMBER: 60/208,260 PRIOR PLLING DATE: 2000-05-31 SOFTWARE: Patentin version 3.2 SEQ ID NO 7 LENGTH: 1170 LENGTH: 1170 LENGTH: 1170 TYPE: DNA ORGANISM: Cavia porcellus US-10-626-445-7	100.0%; Score 1170; DB 8; Length 1170; 100.0%; Pred. No. 0; 1ive 0; Mismatches 0; Indels 0; Gaps 0;	atgitggcaataacagtacaatcgccitaacatcaattaaattictitgacattita 60 	AIGICITTACTAGCTATIGCTATAARGTTAGGCAATGTCGTGGTCATTTTAGCTTTATT 120 	GIGGACAGAAATCITAGACATCGAAGTAATTACTTITTCTTAACTTGGCCATTGCAGAC 180 	TTCTTTGTGGGTGCAATTGCTATTCCTGTACCTTCCTCGCTGACTTACTGGACT 240 	TCTGGAAAGCAAGCTTGTGTATTTTGGCTCATTACTGACTATCTTTTATGTACAGCATCT 300
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50000000000000000000000000000000000000	ULT 1 10-626-445-7 equence 7, Application US/ bublication No. US200402482 ENERAL INFORMATION: APPLICANT: Lovenberg, Timo APPLICANTION NUMBER: PRIOR FILING DATE: 2000-05 PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 2000-05 SOFTWARE: PATENTING DATE: 2000-05 GOTTWARE: PATENTING DATE: 2000-05 UNDER OF SEQ ID NOS: 27 SOFTWARE: PATENTING EMERGEN PATENTING TENGTH: 1170 TENGTH: NA ORGANISM: Cavia porcellus 10-626-445-7	Query Match Best Local Similarity Matches 1170, Conser	ATGTTGGC	ATGTCTTTA ATGTCTTTA	STGGACAGA STGGACAGA	rrcrrrgr rrcrrrgr	rctggaaag rctggaaa
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PRIOR APPLICATION NUMBER: 09/790,849
PRIOR FILING DATE: 2001-02-22
PRIOR PRILING DATE: 2000-05-31
PRIOR PILING DATE: 2000-05-31
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PACENTIN VERBION 3.2
SEQ ID NO 7
LENGTH: 1170
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Sequence 7, Application US/10626126

Sequence 7, Application US/10626126

Bengrad. InPortation No. US20050074770A1

APPLICANT: Liu, Changlu

TITLE OF INVENTION: DAS Encoding Mammalian Histamine Receptor Of The H4 Subtype

FILE REFERENCE: PRD-0033

CURRENT APPLICATION NUMBER: US/10/626,126

CURRENT FILING DATE: 2003-07-23
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; Publication No. US20050239065A1
; GENERAL INFORMATION:
; APPLICANT: Gallagher, Michael J.
; APPLICANT: Gallagher, Michael J.
; APPLICANT: Gallagher, Michael J.
; TILLE OF INVENTION: HISTAMINE RECEPTOR H4 POLYNUCLEOTIDES
; FILE REPERENCE: 1330-13335W001
; CURRENT APPLICATION NUMBER: US/10/488,421
; CURRENT FILING DATE: 2004-03-01
; PRIOR PILING DATE: 2001-08-31
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Sequence 7, Application US/10626398

Publication No. US20050074841A1

GENERAL INFORMATION:

APPLICANT: Lovenberg, Timothy

TITLE OF INVENTION: DNAB Encoding Mammalian Histamine Receptor Of The H4 Subtype

FILE REPRENCE: RPD-0034

CURRENT PPLICATION NUMBER: US/10/626,398

CURRENT FILING DATE: 2001-02-22

PRIOR FILING DATE: 2001-02-22

PRIOR FILING DATE: 2001-02-22

PRIOR FILING DATE: 2000-05-31

NUMBER OF SEQ ID NOS: 27

SOCTWARE: Patentin version 3.2
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TTAGCCAAGTCACTGGCCATACTCTTAGCAGCTTTTTGCCATTTGCTGGCTCCATATTCA
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US-10-626-398-7
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US-09-812-216-1

Sequence 1, Application US/09812216

Patent No. US2002009839A1

GENERAL INFORMATION:

APPLICANT: Behan, Jiang Xu.

APPLICANT: Hedrick, Joseph A.

APPLICANT: Laz, Thomas M.

APPLICANT: Monswa, Frederick J. Jr.

APPLICANT: Worse, Kalley L.

APPLICANT: Wang, Suke

TILE REPERENCE: CN01069

CURRENT MAING DATE: 2001-03-19

PRIOR PILING DATE: 1999-10-07

WUMBER OF FILING DATE: 1999-10-07

SEQ ID NO 1
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CORGANISM: Homo sapiens
US-09-812-216-1
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MARS/KEY: misc_feature
OTHER INFORMATION: Liu - Genbank Accession No. AF312230 - Liu et al., Mol
OTHER INFORMATION: Pharmacol 59(3):420-426 (2001)
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OTHER INFORMATION: Banyu - Genbank Accession No.: AB045370; WO 01/46414
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NAME/KEY: misc feature
OTHER INFORMATION: Jones - Genbank Accession No.:
OTHER INFORMATION: are AAG and 988 is C
US-10-488-421-7
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NAME/KEY: misc_feature
OTHER INFORMATION: Morse, et al.,
OTHER INFORMATION: No. 6,204,017;
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NAME/KEY: misc_feature
OTHER_INFORMATION: H4SEQMORSE
      PRIOR APPLICATION NUMBER: US 6
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 12
SOFWARE: Patentin version 3.1
SEQ ID NO 7
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NAME/KEY: misc_feature
OTHER INFORMATION: Nguyen,
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CRGANISM: Homo sapien
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TYPE: DNA
ORGANISM: Homo sapiens
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74.9%; Pred. No. 7.5e-185;
tive 0; Mismatches 285;
PRIOR APPLICATION UNBER: 60/123,949
PRIOR PILING DATE: 1999-03-12
PRIOR PILING DATE: 1999-03-12
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: 60/136,439
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-09-29
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Best Local Similarity 74.9
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                 PRIOR APPLICATION NUMBER: 09/170, 496
PRIOR FILING DATE: 1998-10-13
PRIOR PILING DATE: 1998-11-27
PRIOR PILING DATE: 1998-11-27
PRIOR PILING DATE: 1999-02-16
PRIOR PILING DATE: 1999-02-16
PRIOR PILING DATE: 1999-03-12
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APPLICANT: Behan, Derek T.
APPLICANT: Chalmers, Derek T.
APPLICANT: Chalmers, Derek T.
APPLICANT: Liwitz, Kevin P.
APPLICANT: Lin, I-Lin
APPLICANT: Chen, Ruoping
APPLICANT: Chen, Ruoping
APPLICANT: Chen, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: AREN-0054
FILE REFERENCE: AREN-0054
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CURRENT FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: 09/416,760
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                                                                                                                                               Sequence 1, Application US/10052193
; Publication No. US20020132755A1
; GENERAL INFORMATION:
; APPLICANT: PÉIZET, Inc.
; TITLE OF INVENTION: HISTAMINE RECEPTOR ANTAGONISTS
; FILLE REPERENCE: PC10963A
; CURRENT FILLNG DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: 0101223.6
; PRIOR APPLICATION NUMBER: 0101223.6
; RINGR APPLICATION NUMBER: 0101223.6
; NUMBER OF SEQ ID NOS: 10
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Pred. No. 7.5e-185;
0; Mismatches 285;
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Best Local Similarity 74.9%;
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      2.1
; SOFTWARE: Patentin Ver. 2; SEQ ID NO 13; LENGTH: 1173; TYPE: DNA; ORGANISM: Homo sapiens US-10-272-983-13
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SEQUENCE 13, Application US/10272983

PUBLICANT: Chen, Ruoping

APPLICANT: Dang, Huong T.

APPLICANT: Liaw, Chen W.

FILING DATE: 1999-10-17

PRIOR APPLICATION NUMBER: 60/120,416

PRIOR PILING DATE: 1999-02-16

PRIOR PILING DATE: 1999-03-12

PRIOR PLING DATE: 1999-05-28

PRIOR PLING DATE: 1999-05-28
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Publication No. US20030175891A1
GENERAL INFORMATION:
APPLICANT: Chen, Kuoping
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
FILE REPERENCE: ARENOSO
CURRENT FILING DATE: 2003-03-21
CURRENT FILING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: US/10/393,807
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Pred. No. 7.5e-185;
0; Mismatches 285; Indels
                                                                                                                                                                                                                                                                                                                                                                  SQUENCE 1, Application US/10354769
| Publication No. US20030149242A1
| GENERAL INPORMATION:
| APPLICANT: Pfizer Inc.
| APPLICANT: Peter' Beate
| TITLE OF INVENTION: NOWEL POLYPEPTIDE
| TILE REFERENCE: PC10373B
| CURRENT APPLICATION NUMBER: US/09/698,801
| PRIOR APPLICATION NUMBER: US 09/698,801
| PRIOR PILING DATE: 2000-10-27
| PRIOR PILING DATE: 2000-10-27
| PRIOR PILING DATE: 1999-10-29
| PRIOR PILING DATE: 2000-06-14
| PRIOR PILING DATE: 1999-10-29
| PRIOR PILING DATE: 1999-10-29
| PRIOR PILING DATE: 1999-10-29
| PRIOR PILING DATE: 1999-10-39
| PRIOR PILING DATE: 1999-10-39
| PRIOR PILING DATE: 1900-04-20
| NUMBER OF SEQ ID NOS: 10
| SEQ ID NOS: 10
| SEQ ID NO 1
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Best Local Similarity 74.9
Matches 859; Conservative
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CORGANISM: Homo sapiens
US-10-354-769-1
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APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lolawicz, Kevin
APPLICANT: Lolawicz, Kevin
APPLICANT: Colaimers, Derek T.
APPLICANT: Behan, Dominic P.
TITLE OF INVENTION: Constitutively Activated Human G Protein Coupled
TITLE OF INVENTION: Receptors
FILE REPERENCE: 7.023-020-04-16
CURRENT APPLICATION NUMBER: 09/10/496
PRIOR FILING DATE: 1999-10-12
PRIOR FILING DATE: 1998-11-27
PRIOR FILING DATE: 1999-11-27
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-03-12
       908 AGTCACTGGCCATTCTCTTTAGGGGTTTTTTGCTGTTTGCTGGGCTCCATATTCTCTGTTCA
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; Publication No. US20030229216A1
; GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 66/109,213
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1999-02-16
PRIOR PLING DATE: 1999-02-16
PRIOR PLING DATE: 1999-02-16
PRIOR PLING DATE: 1999-02-16
PRIOR PLING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: 60/123,946
PRIOR APPLICATION NUMBER: 60/123,946
PRIOR PLING DATE: 1999-03-12
PRIOR PLING DATE: 1999-03-12
PRIOR PLING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: 60/136,436
PRIOR PLING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-38
PRIOR PLING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-38
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Pred. No. 7.5e-185;
0; Mismatches 285; Indels
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      848 ATTCTGTAGCTCTTCACCAAAGGGAACATGTTGAACTGCTTAGAGCCAGGAGATTAGCCA 907
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Pred. No. 7.5e-185;
0; Mismatches 285;
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Best Local Similarity 74.9%;
Matches 859; Conservative 0
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                                        - See File Wrapper or PALM
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                                                                                                                                                                             Score 675; DB 6; Length 1173;
Pred. No. 7.5e-185;
0; Mismatches 285; Indels
PRIOR APPLICATION NUMBER: 60/123,951
PRIOR FILING DATE: 1999-03-12
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 155
SOPTWARE: Patentin version 3.2
SEQ ID NO 13.
                                                                                                                                                                               Query Match
Best Local Similarity 74.9%;
Matches 859; Conservative
                                                                                                                    TYPE: DNA
CRCANISM: Homo sapiens
US-10-417-820A-13
                                                                                                     LENGTH: 1173
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Sequence 13, Application US/10723955 Publication No. US20040110238A1 GENERAL INFORMATION:

RESULT 15 US-10-723-955-13

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TITLE OF INVENTION: Receptors
FILE REPERENCE: 7.0829.000
FILE REPERENCE: 7.0829.000
FILE REPERENCE: 7.0829.000
FILE REPERENCE: 7.0829.000
FILE REPERENCE: 2003-4-16
FRICA PAPLICATION NUMBER: 109/416,760
FRICA PAPLICATION NUMBER: 09/416,760
FRICA PAPLICATION NUMBER: 09/170,496
FRICA FILING DATE: 1998-10-13
FRICA FILING DATE: 1998-10-13
FRICA FILING DATE: 1998-10-13
FRICA FILING DATE: 1998-10-16
FRICA FILING DATE: 1998-10-16
FRICA FILING DATE: 1999-02-16
FRICA FILING DATE: 1999-03-16
FRICA FILING DATE: 1999-03-12
FRICA APPLICATION NUMBER: 60/123,948
FRICA FILING DATE: 1999-03-12
FRICA FILING DATE: 1999-03-13
FRICA FILING DATE: 1999-03-13
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                                                                                                                                                           Karin
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Lowitz, Kevin P.
Dang, Huong T.
Chen, Ruoping
Gore, Martin
Behan, Dominic P.
Chalmers, Derek
                                                                                                                  Liaw, Chen W.
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ORGANISM: Homo sapiens
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Sequence 1, Application US/09812216; Patent No. 6613533; GENERAL INFORMATION: APPLICANT: Behan, Jiang Xu; APPLICANT: Hedrick, Joseph A.; APPLICANT: Monsma, Frederick J. Jr.; APPLICANT: Monsma, Kelley L.; APPLICANT: Umland, Shelby P.

US-09-812-216-1

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CURRENT APPLICATION NUMBER: US/09/812,216
CURRENT FILING DATE: 2001-03-19
PRIOR APPLICATION NUMBER: 09/414,010
PRIOR PILING DATE: 1999-10-07
NUMBER OF SEQ ID NOS: 8
SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                    Length 1173;
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PRIOR FILING DATE: 1999-10-01
PRIOR APPLICATION NUMBER: 60/157,294
PRIOR FILING DATE: 1999-10-01
PRIOR APPLICATION NUMBER: 60/157,281
PRIOR PILING DATE: 1999-10-01
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PRIOR FILING DATE: 1999-10-01
SOFTWARE: PATENTIN NOW: 74
SOFTWARE: PATENTIN VET: 2.1
LENGTH: 1173
                                                                                                                                                                                                                                                                                                                                                                                                    57.78;
                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 74.9°
Matches 859; Conservative
                                                                                                                                                                                                                                                                                                          TYPE: DNA
CORGANISM: Homo sapiens
US-09-875-076-13
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       CAAGAACCAAGATGAATAGCAATACAATTGCTTCCAAAATGGGTTCCTTCTCCCAATCAG 847
                                                       ATTCCCTGGCTCTTCAGCAAAGGGAACATATCGAACTTTTTCAGAGCCAGGAAATTAGCCA
                                                                               Sequence 13, Application US/09875076

PRECENT NO. 6689776

PRECENT INCORNATION:
APPLICANT: Dang, Huong T.
APPLICANT: Lian, Fluing T.
APPLICANT: Lian, Chen W.
TITLE OF INVESTIVEN: Human Orphan G Protein Coupled Receptors
FILE REFERENCE: AREN0050

CURRENT FILING DATE: 1999-10-12

PRIOR PILLING DATE: 1999-10-12

PRIOR PAPLICATION NUMBER: 60/120,416

PRIOR APPLICATION NUMBER: 60/120,416

PRIOR APPLICATION NUMBER: 60/120,416

PRIOR APPLICATION NUMBER: 60/120,416

PRIOR APPLICATION NUMBER: 60/121,46

PRIOR APPLICATION NUMBER: 60/123,49

PRIOR APPLICATION NUMBER: 60/136,439

PRIOR PILLING DATE: 1999-03-12

PRIOR PILLING DATE: 1999-03-12

PRIOR APPLICATION NUMBER: 60/136,439

PRIOR PILLING DATE: 1999-05-28

PRIOR PILLING DATE: 1999-05-29

PRIOR PILLING DATE: 1999-05-29
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TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
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Patentin Release #1.0, Version #1.25
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NAME: Elizabeth A. Hanley
REGISTRATTON NUMBER: 33,505
REFERENCE/DOCKET NUMBER: MNI-032CP
TELECOMMUNICATION: INFORMATION:
TELEPHONE: (617)227-7400
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APPLICATION NUMBER: US/09/165,543
PILING DATE:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/042,780
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Patent No. 6093545
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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STATE: Massachusetts
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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SOFTWARE: PatentI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 6
US-09-165-543-6
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APPLICANT: Takimura, Tetsuo
APPLICANT: Nakamura, Takao
APPLICANT: Kobayashi, Masahiko
APPLICANT: Tanaka, Ken-ichi
APPLICANT: Tanaka, Yusuke
APPLICANT: Hidaka, Yusuke
TITLE O'NIVENTION: NOVELE
TITLE OF INVENTION: BINDING PROTEIN-COUPLED RECEPTOR PROTEINS
FILE REPRENCE: 06501-083001
CURRENT APPLICATION NUMBER: US/09/891,053
CURRENT APPLICATION NUMBER: PCT/JP99/07280
PRIOR PILING DATE: 1999-12-24
PRIOR PILING DATE: 1998-12-25
PRIOR APPLICATION NUMBER: PCT/JP98/05967
PRIOR PILING DATE: 1998-12-25
PRIOR PILING DATE: 1998-12-25
PRIOR PILING DATE: 1999-05-25
NUMBER OF SEQ ID NOS: 26
SOPTWARE: PSECSEQ for Windows Version 4.0
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Pred. No. 7.3e-31;
0; Mismatches 528; Indels 24;
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NAMB/KEX: misc feature
LOCATION: (1)...(2700)
OTHER INFORMATION: n = A,T,C or G
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al Similarity 48.7%;
523; Conservative
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US-09-891-053-26
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Sequence 26, Application US/099891, US/09/091053
Sequence 26, Application US/09/091053
Sequence 26, Application US/09/091053
Sequence 26, Application US/09/091053
Sequence 26, Application US/09/091053
SECRETCATION US/09/091053
SETILE REFERENCE: COSO1-093001
CURRENT APPLICATION NUMBER: US/09/07280
SETILE OF INVENTION NUMBER: US/09/07280
SETILE OF US/09/09/07280
                                                                                                                                                                                                                                                                                           15;
                                                                                                                                                                                                                               Length 1338;
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Pred. No. 3.9e-28;
0; Mismatches 245; Indels
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Best Local Similarity 54.0
Matches 305; Conservative
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
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US-09-165-543-6
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480 TGGCGGATTCGAGCCTCCGCACCAACTTCTTTCTGCTCAACTCGCCATCTCCG 539
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Patent No. 6093545

GENERAL INPORMATION:

TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor NUMBER OF SEQUENCES: 39

CORRESPONDERS: 39

CORRESPONDERS: 18

ADDRESSER: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 123; DB 3; Length 19
Pred. No. 4.9e-28;
0; Mismatches 245; Indels
PRIOR FILING DATE: 1998-12-25
PRIOR APPLICATION NUMBER: JP 11/145611
PRIOR FILING DATE: 1999-05-25
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 1953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  584 ATATTTACTGGAGCCTGTGGAAGCG 608
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Best Local Similarity 54.0%;
Matches 305; Conservative
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629

355 719 415

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119 TIGIGGACAGAAAICITAGACAICGAAGIAATIACITITITITITACITGGCCAITGCAG 178
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                                                                                                                          Sequence 3, Application US/08985090
Patent No. 5885893
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
9.4%; Score 110.2; DB 2;
Best Local Similarity 52.6%; Pred. No. 4.5e-24;
Matches 297; Conservative 0; Mismatches 253;
1436 GCATCTACCTGAACATCCAGAGGCG 1460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jean M. Silveri
REGISTATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: MNI-032
TELEPHONE: (617)742-7400
TELEPHONE: (617)742-4214
INPONATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1335 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                         Massachusetts
: USA
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                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 02109
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US-08-985-090-3
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                                                                                                                                                                                                                                                                                                                                                STATE: M
COUNTRY:
                                                                                                             US-08-985-090-3
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                    COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/165,543
                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 09/042,780
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BLIZABETH A. Hanley
REGISTRATION NUMBER: 33,505
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: MNI-032CP
TELEPONNIXCATION INFORMATION:
TELEPAK: (617)742-4214
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 3244 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
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778..2112
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; LOCATION:
US-09-165-543-4
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                                           TIGIGGACAGAAAICTIAGACAICGAAGIAAITACTITITITITACTIAGCCAIIGCAG 178
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APPLICANT: Brander, Mark
APPLICANT: Paral, Jayashree
APPLICANT: Pract, Jayashree
TITLE OF INVENTION: DNA ENCODING A HUMAN HISTAMINE RECEPTOR OF THE H3
TITLE OF INVENTION: SUBTYPE
FILE REPERENCE: JWW
CURRENT APPLICATION NUMBER: US/09/167,354A
CURRENT APPLICATION NUMBER: US/09/167,354A
CURRENT PILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
LENGTH: 1335
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; OTHER INFORMATION: Description of Artificial Sequence:CDNA
08-09-167-354-6
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Pred. No. 4.5e-24;
0; Mismatches 253;
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Best Local Similarity 52.6%;
Matches 297; Conservative (
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Patent No. 6093545

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 110.2; DB 3; Length Pred. No. 4.5e-24; O; Mismatches 253; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/165,543
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/042,780
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth A. Hanley
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: MNI-032CP
TELECOMMUNICATION INFORMATION:
TELECHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                     584 ATATTTACTGGAGCCTGTGGAAGCG 608
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REDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity 52.6%;
Matches 297; Conservative (
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1335 base pairs
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STATE: Massachusetts
COUNTRY: USA
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STRANDEDNESS: single
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MOLECULE TYPE:
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; LOCATION:
US-09-165-543-3
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                                                                                                                                                                                                                                                                                     APPLICANT: LOVenberg, Timothy
APPLICANT: Elander, Mark
APPLICANT: Eyati, Jayashree
APPLICANT: Pyati, Jayashree
TITLE OF INVENTION: DUA ENCODING A HUMAN HISTAMINE RECEPTOR OF THE H3
TITLE OF INVENTION: SUBTYPE
FILE REFERENCE: ORTI290
CURRENT APPLICATION NUMBER: US/09/642,514
CURRENT PILING DATE: 1908-10-06
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
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ORGANISM: Artificial Sequence
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179 TGGCCGACTCGAGCCTCCGCACCCCAGACAACATTCTTCCTGCTCAACCTCGGCCATCTCCG 238
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APPLICANT: Elvander, Mark
APPLICANT: Elvander, Mark
APPLICANT: Havat, Jayashree
APPLICANT: Havat, Arne
TITLE OF INVENTION: BUBTYPE
FILE REPERBINGE: JWW
CURRENT PAPLICATION NUMBER: US/09/642,855
CURRENT PILING DATE: 2000-08-21
PRIOR APPLICATION NUMBER: 09/167,354
PRIOR PILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6: SEQ ID NOS: 8
                                          ACTTCTTTGTGGGTGCAATTGCAATTCCTCTGTACCTTCCTCGCTGAC----TTACT
                                                                                 239 ACTITCCTCGTCGGCGCCTTCTGCATCCCACTGTATGTACCCTACGTGCTGACAGGCCGCT
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Patent No. 6413743
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APPLICANT: Robayashi, Masahiko
APPLICANT: Robayashi, Masahiko
APPLICANT: Tanaka, Ken-ichi
APPLICANT: Tanaka, Yusuke
APPLICANT: Hidaka, Yusuke
APPLICANT: Ohta, Masataka
TITLE OF INVENTION: BINDING PROTEIN-COUPLED RECEPTOR PROTEINS
TITLE OF INVENTION BINDING PROTEIN-COUPLED RECEPTOR PROTEINS
TITLE OF INVENTION NUMBER: US/09/891,053
CURRENT APPLICATION NUMBER: PCT/JP99/07280
PRIOR PRILING DATE: 1999-12-24
PRIOR APPLICATION NUMBER: US/11/45661
PRIOR APPLICATION NUMBER: US/11/45661
PRIOR PRILING DATE: 1999-05-25
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FRRESEQ for Windows Version 4.0
SEQ ID NO 21
LENGTH: 2050
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| Sequence 6, Application US/09642852
| Patent No. 685550
| GENERAL INFORMATION:
| APPLICANT: Lovenberg, Timothy
| APPLICANT: Erlander, Mark
| APPLICANT: Brit, Jayashree
| APPLICANT: Patt, Jayashree
| APPLICANT: Huvar, Arne
| TITLE OF INVENTION: SUBTYPE
| TITLE OF INVENTION: SUBTYPE
| TITLE OF INVENTION: SUBTYPE
| FILE REFERENCE: JWW
| CURRENT APPLICATION NUMBER: US/09/642,852
| FILE REFERENCE: JWW
| CURRENT APPLICATION NUMBER: 09/167,354
| PRIOR APPLICATION NUMBER: 09/167,354
| PRIOR APPLICATION NUMBER: 09/167,354
| SOFTWARE: Patentin Ver: 2.0
| SEQ ID NO 6
| SED ID NO 6
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                                                                                 Query Match 9.4%; Score 110.2; DB 3; Length 1335; Best Local Similarity 52.6%; Pred. No. 4.5e-24; Matches 297; Conservative 0; Mismatches 253; Indels 15;
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US-09-642-852-6
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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Published Applications NA New:*

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18: /SIDS5/ptodata/2/pubpna/US11_NEW_PUB.seq:* ;; •• Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	* Query ore Match Length DB II	DB	a	Description
	270	23.1	1326	14	US-11-241-956-19	Sequence 19, Appl
7	123	10.5	2761	11	US-11-036-196-2003	Sequence 2003, Ap
m	123	10.5	2814	14	US-11-136-527-3990	Sequence 3990, Ap
4	117.4	10.0	2824	14	US-11-136-527-127	Sequence 127, App
2	72.6	6.2	2483	14	US-11-136-527-2847	Sequence 2847, Ap
9	72.4	6.2	2633	14	US-11-136-527-3114	Sequence 3114, Ap
7	71.2	6.1	1773	14	US-11-127-877-17	Sequence 17, Appl
80	71.2	6.1	1974	14	US-11-124-368A-14	Sequence 14, Appl
O	71	6.1	2348	14	US-11-136-527-3691	Sequence 3691, Ap
10	71	6.1	3578	11	US-11-036-196-1495	Sequence 1495, Ap
11	71	6.1	4095	14	US-11-136-527-2030	Sequence 2030, Ap
12	69.4	5.9	1401	14	US-11-127-877-4	Sequence 4, Appli
13	68.4	s.	2733	14	US-11-136-527-2435	Sequence 2435, Ap
14	63.8	5.5	2699	14	US-11-127-877-5	Sequence 5, Appli
15	53.8	4.6	3741	14	US-11-136-527-751	Sequence 751, App
16	53	4.5	2591	14	US-11-136-527-1944	Sequence 1944, Ap
17	52.6	4.5	2146	œ	US-10-750-185-35936	Seguence 35936, A

Sequence 35936, A

2146 8 US-10-750-623-35936

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Sequence 12, Appli Sequence 5, Appli Sequence 5, Appli Sequence 46, Appli Sequence 47, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 90, Appli Sequence 31, Appli Sequence 313, Appli Sequence 31, Appli Sequence 31, Appli Sequence 31, Appli Sequence 31, Appli Sequence 6, Appli Sequence 6, Appli Sequence 8, Appli Sequence 21, Appli	Sequence 1, Appli Sequence 573093, Sequence 3095, Ap Sequence 15, Appl
	14 US-11-01-018-1 5 US-09-925-065A-573093 14 US-11-136-527-3095 14 US-11-090-439-15
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ALIGNMENTS

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APPLICANT: RAMKUNDAR, Jayalaxmi; TRIBOULEY, Catherine M.;
APPLICANT: THORNTON, Michael B.; KALLICK, Deborah A.;
APPLICANT: THORNTON, Michael B.; KALLICK, Deborah A.;
APPLICANT: THORNTON, Michael B.; KALLICK, Deborah A.;
APPLICANT: WIS, Henry; LU, Yan;
APPLICANT: WAVIZL, Chandra S.; ROOPA, Reddy M.;
APPLICANT: WALSH, Roderick T.; POLICKY, Jennifer L.
APPLICANT: WALSH, Roderick T.; POLICKY, Jennifer L.
TITLE OF INVENTION G-PROTEIN COUPLED RECEPTORS
FILE REPERENCE: 12.025 USN
CURRENT FILING DATE: 2003-03-28
PRIOR PILING DATE: 2003-03-28
PRIOR PILING DATE: 2000-10-28
PRIOR PILING DATE: 2000-10-28
PRIOR PILING DATE: 2000-10-28
PRIOR PILING DATE: 2000-11-3
                         Sequence 19, Application US/11241956 Publication No. US20060024792A1 GENERAL INFORMATION:
US-11-241-956-19
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   APPLICATION NUMBER: US 60/303,807
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Publication No. US20050287570A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Mounts, William M
                                                                                                                                                                                                                                                          ORGANISM: Rattus norvegicus
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                                                                                                                                                                            Length 1326;
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Sequence 2003, Application US/11036196

PUBLICALION NO. US20060078900A1

GENERAL INFORMATION:

APPLICANT: Mendrick, Donna

APPLICANT: Higgs, Brandon

TITLE OF INVENTION: Molecular Toxicology Modeling

FILE REFERENCE: 44221-5689-025

FILE REFERENCE: 2002-05-01-18

PRIOR APPLICATION NUMBER: US/10/152,319

PRIOR PILING DATE: 2001-05-22

PRIOR APPLICATION NUMBER: US 60/297,523

PRIOR PRILOR DATE: 2001-06-13

PRIOR PILING DATE: 2001-06-13
                                                                                             FRATURE:
// NAME/KEY: misc_feature
// OTHER INFORMATION: Incyte ID No: 7474823CB1
//S-11-241-956-19
                                                                                                                                                                           Query Match 23.1%;
Best Local Similarity 76.7%;
Matches 330; Conservative
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NUMBER OF SEQ ID NOS: 32
SOFTWARE: PERL Program
SEQ ID NO 19
LENGTH: 1326
                                                              TYPE: DNA
ORGANISM: Homo sapiens
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US-11-036-196-2003
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TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes FILE REPERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
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APPLICANT: Wounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031996-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
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Pred. No. 6.3e-22;
0; Mismatches 245; Indels 15;
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PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
SEQ ID NO 3990
LENGTH: 2814
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Publication No. US20050287570A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA; CRGANISM: Rattus norvegicus US-11-136-527-3990
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Best Local Similarity
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APPLICANT: Wyeth
APPLICANT: Wounts, William M
APPLICANT: Wounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profilling of Rat Genes
FILE REPERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT APPLICATION NUMBER: US/11/136,527
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
SOFTWARE: Patentin version 3.2
SEQ ID NO 2847
LENGTH: 2483
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                                                                                                                                                                                                                     15;
                                                                                                                                                                  Length 2824;
                                                                                                                                                               Query Match 10.0%; Score 117.4; DB 14; Length Best Local Similarity 50.4%; Pred. No. 1.9e-20; Matches 285; Conservative 22; Mismatches 243; Indels
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Publication No. US20050287570A1
GENERAL INFORMATION:
SOFTWARE: PatentIn version 3.2
SEQ ID NO 127
LENGTH: 2824
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; ORGANISM: Rattus norvegicus
US-11-136-527-2847
                                                                    ; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-127
                                                                                                                                                                     Query Match
Best Local Similarity
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US-11-124-368A-14

US-11-124-368A-14

Sequence 14, Application US/11124368A

Sequence 14, Application No. US20050287559A1

Sequence 14, Application No. US20050287559A1

GENERAL INFORMATION:

APPLICANT: Michele Cargill

APPLICANT: May Luke

TITLE OF INVENTION: Genetic Polymorphisms Associated with

TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof

FILE REPERENCE: CL001524

CURRENT APPLICATION NUMBER: US/11/124,368A
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APPLICANT: Merchiers, Pascal G.
APPLICANT: Meffmann, Marcel
APPLICANT: Spittaels, Koenraad F. F.
TTLE OF INVENTION: Methods, Compositions and Compound A.
TTLE OF INVENTION: Methods, Compositions and Compound A.
TILLE OF INVENTION: Methods, Compositions and Compound A.
FILE REFERENCE: P27, 800-B USA.
CURRENT APPLICATION NUMBER: US/11/127,877
CURRENT PILLING DATE: 2004-05-12
PRIOR FILING DATE: 2004-05-12
PRIOR FILING DATE: 2004-06-24
NUMBER OF SEQ ID NOS: 590
SOFTWARE: PatentIn version 3.3
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Best Local Similarity 53.4%; Pred. No. 2.7e-08;
Matches 173; Conservative 0; Mismatches 148;
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                               365 GAGCTCAGCACTCT 378
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LENGTH: 1773
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                                                           Gaps
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TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REPERENCE: 031896-04100 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR PPLING DATE: 2005-06-26
NUMBER OF SEQ ID NOS: 362830
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
LENGTH: 2633
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  DB 14; Length 2483;
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Pred. No. 1.6e-08;
0; Mismatches 141; Indels
                         54.1%; Pred. No. 1.3e-08;
tive 2; Mismatches 136; Indels
6.2%; Score 72.6;
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Publication No. US20050287570A1
GENERAL INFORMATION:
APPLICANT: Wyeth
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Best Local Similarity 54.1%;
Matches 170; Conservative
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ORGANISM: Rattus norvegicus
                                                   166; Conservative
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                               Similarity
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Query Match
Best Local S
Matches 166
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173 TIGCAGACTICTITGIGGGIGCAATIGCAATICCTCTGTACATACCTICCTCGTGGCTT 232
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                                                                                                                                                                                                                                                  523 ACCGTTGGGCACTGGGGAACTTAGCCTGCGACCTCTGGCTCTCCATTGACTATGTGGCCA 582
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FILE REPERENCE: 44921-5089-US
FURRENT APPLICATION NUMBER: US/11/036,196
CURRENT PILING DATE: 2005-01-18
FRIOR APPLICATION NUMBER: US/10/152,319
FRIOR APPLICATION NUMBER: US 60/292,335
FRIOR PILING DATE: 2001-06-12
FRIOR PILING DATE: 2001-06-13
FRIOR PILING DATE: 2001-06-13
FRIOR APPLICATION NUMBER: US 60/297,523
FRIOR APPLICATION NUMBER: US 60/298,925
FRIOR APPLICATION NUMBER: US 60/303,810
FRIOR FILING DATE: 2001-07-10
FRIOR PILING DATE: 2001-07-10
FRIOR PILING DATE: 2001-07-10
FRIOR APPLICATION NUMBER: US 60/303,807
FRIOR APPLICATION NUMBER: US 60/303,807
FRIOR APPLICATION NUMBER: US 60/303,808
FRIOR PILING DATE: 2001-07-10
FRIOR PILING DATE: 2001-07-10
FRIOR APPLICATION NUMBER: US 60/315,047
FRIOR APPLICATION NUMBER: US 60/315,047
FRIOR APPLICATION NUMBER: US 60/315,047
FRIOR PILING DATE: 2001-09-27
FRIOR PILING DATE: 2001-09-27
FRIOR PILING DATE: 2001-09-27
FRIOR PILING DATE: 2001-11-01
FRIOR FILING DATE: 2001-11-01
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US-11-036-196-1495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1495, Application US/11036196
Publication No. US20060078900A1
GENERAL INPORMATION:
APPLICANT: Mendrick, Donna
APPLICANT: Porter, Mark
APPLICANT: Johnson, Kory
                                                                                                                                                                                                                                                                                                                                                                                                                                 350 ATGCCGTGTGTATAGAGC 368
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Johnson, Kory
Higgs, Brandon
Castle, Arthur
Elashoff, Michael
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SEQ ID NO 1495
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APPLICANT:
APPLICANT:
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Publication No. US20050287570A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Whom William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT PRILING DATE: 2005-05-25

PRIOR APPLICATION NUMBER: US/11/136,527

CURRENT PLING DATE: 2005-05-26

RIOR APPLICATION NUMBER: US 60/574,294

PRIOR FILING DATE: 2005-05-26

NUMBER OF SEQ ID NOS: 362830

SOPTWARE: Patentin version 3.2

SEQ ID NO 3691
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                                                                                                                                                                                                                                                                                                                                                                                                     6.1%; Score 71.2; DB 14; Length ilarity 53.4%; Pred. No. 2.8e-08; Conservative 0; Mismatches 148; Indels
CURRENT FILING DATE: 2005-05-09
PRIOR APPLICATION NUMBER: US 60/568,845
PRIOR FILING DATE: 2004-05-07
PRIOR APPLICATION NUMBER: US 60/625,936
PRIOR FILING DATE: 2004-11-09
NUMBER OF SEQ ID NOS: 21112
SOFTWARE: PSECSEQ for Windows Version 4.0
SEQ ID NO 14
LENGTH: 1974
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ORGANISM: Homo sapiens
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Best Local Simil
Matches 173; C
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US-11-136-527-2435
                                                                                                                                                                                                                                                                                                          LENGTH: 1401
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                                                                                GIGCAGACCIGAICATCACAGGAGTCATTICCAIGAACCTGTICACTACCTACATCATTAIGA 431
                                                                                                                             233 AC---TGGACTTCTGGAAAGCAAGCTTGTGTATTTTGGCTCATTACTGACTATCTTTTAT 289
                                                                                                                                                                                           939 ACCGTTGGGCACTGGGGGAACTTAGCCTGCGACCTCTGGCTCTCCATTGACTATGTGGCCCA 998
CITITIAITGIGGACAGAAATCITAGACATCGAAGTAAITACTITITITITACTTGGCCA 172
                              CCTTCAAGGTCAACAAACAGCTGAAGACAGTCAACAACTACTTCCTCTTAAGCCTGGCCT 371
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                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)
FURENT PELLICATION WUMBER: US,11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR PILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
SOFTWARE: Patentin version 3.2
SEQ ID NO 2030
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Pred. No. 4.5e-08;
0; Mismatches 145; Indels
                                                                                                                                                                                                                                                                                                                                                                    // Sequence 2030, Application US/11136527
// Publication No. US20050287570A1
// GENERAL INFORMATION:
// APPLICANT: Wyeth
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Best Local Similarity 53.6%;
Matches 171; Conservative
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; ORGANISM: Rattus norvegicus
US-11-136-527-2030
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US-11-136-527-2030
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RESULT 12 US-11-127-877-4

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Sequence 4, Application US/11127877

Publication No. US20050287565A1

GENERAL INFORMATION:

APPLICANT: Moffmann, Marcel

APPLICANT: Boffmann, Marcel

APPLICANT: Boffmann, Marcel

APPLICANT: Spittaels, Koenraad F. F.

APPLICANT: Leenen, Wendy

TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting

TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting

TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting

FILE REFERENCE: P27,800-B USA

CURRENT APPLICATION NUMBER: 80/11/127,877

CURRENT FILING DATE: 2004-05-12

PRIOR FILING DATE: 2004-05-12

PRIOR FILING DATE: 2004-06-12

PRIOR APPLICATION NUMBER: 60/603,948

NUMBER OF SEQ ID NOS: 590

SOFTWARR: Patentin Version 3.3

SEQ ID NO 4.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  97 crcagitricgigaccarrarcegeaacarccragicaregritriccarraaagicaaccc 156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  130 AATCTTAGACATCGAAGTAATTACTTTTTTTTTTAACTTGGCCATTGCAGACTTCTTGTG 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       190 GGTGCAATTGCAATTCCTCTGTACATACCTTCCTCGCTGAC---TTACTGGACTTCTGGA 246
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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT PILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
PRIOR FILING DATE: 2005-05-26
SOFTWARE: Patentin version 3.2
SEQ ID NO 2435
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Pred. No. 7.3e-08;
0; Mismatches 181;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 5.9%;
Best Local Similarity 52.2%;
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Matches 204; Conservative
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; Sequence 751, Application US/11136527; Publication No. US20050287570A1; GENERAL INFORMATION:
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Job time : 628 secs
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US-11-136-527-751
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Sequence 5, Application US/11127877

Publication No. US20050287565A1

GENERAL INFORMATION:
APPLICANT: Merchiers, Pascal G.
APPLICANT: Merchiers, Racel
APPLICANT: Laenen, Wendy
TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
ITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
CURRENT APPLICATION WHERE: US/11/12,877

CURRENT PILING DATE: 2005-05-12

PRIOR PILING DATE: 2004-05-12

PRIOR PILING DATE: 2004-05-12

PRIOR PILING DATE: 2004-05-12

PRIOR PILING DATE: 2004-08-24

NUMBER OF SEQ ID NOS: 590

SOFTWARE: Patentin Version 3.3

SEQ ID NOS: 500

SECTION OF SECTION NUMBER: METHOD NUMBER:
                                                                                                                                                                                                                                                                                                                               1061 ATTACTATTGCAGTTGTGACTGCGGTGGTCGATGACCATTGTCGGCAATGTCTTG 1120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1181 AGCTTGGCCTGTGGACCTCATGGCATCTTCTCCATGAACCTCTACACGACCTAC 1240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          163 AACTTGGCCATTGCAGACTTCTTTGTGGGTGCAATTGCAATTCCTCTGTACATACCTTCC 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         223 TCGCTGACTTA---CTGGACTTCTGGAAAGCAAGCTTGTGTATTTTGGCTCATTACTGAC
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                                                                                                                                                                                                                                                                       43 ATTICITIGACALITITIAAIGICITITACIAGCIATIGCIATAAIGITAGGCAAIGICGIG
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                                                                                                                                                   Score 68.4; DB 14; Length 2733;
Pred. No. 1.8e-07;
0; Mismatches 156; Indels 3;
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Pred. No. 3e-06;
0; Mismatches 162; Indels 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    340 TCAGICTCAAATGCCGTGTGGTATAGAGCTCAGC 373
                                                                                                                                                Query Match 5.8%;
Best Local Similarity 52.4%;
Matches 175; Conservative (
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Best Local Similarity 51.3%;
Matches 174; Conservative (
                            ; TYPE: DNA; CREATUS norvegicus US-11-136-527-2435
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ORGANISM: Homo sapiens
LENGTH: 2733
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1122 caaccrecrecrerarecrerarecrearearecreaaccracaccereeecaaccr 1181
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TCGCTGACTTA---CTGGACTTCTGGAAAGCAAGCTTGTGTATTTTGGCTCATTACTGAC 279
                                                                                                                                                                                       585 ATCCTCATGGGACGCTGGGCTCTCGGGAGTCTGGCTTTGTGACCTTTGGCTTGCACTGGAC 644
                                                                                                                                                                                                                                                                TATCTTTTATGTACAGCATCTGTGTATAATATTGTCCTCATCAGCTACGATCGCTACCAG 339
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wyeth
APPLICANT: Worth
APPLICANT: Worth
APPLICANT: Mounts, William M
TITLE OP INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REPERENCE: 031895-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT APPLICATION NUMBER: US 60/574,294
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR PILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
SOFTWARE: Patentin version 3.2
SEQ ID NO 751
LENGTH: 3741
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4.6%; Score 53.8; DB 14; Length 3
Best Local Similarity 47.5%; Pred. No. 0.0016;
Matches 161; Conservative 9; Mismatches 166; Indels
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244 TTASLGSDKSRRKSSLLPSIRAYKNSNVIASKWGFLSHSDSLALQQREHIELFRARKLAK 303
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Copyright (c) 1993 - 2006 Biocceleration Ltd
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US-09-165-543-2

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US-09-642-855-7

US-09-642-852-7

US-09-642-852-7

US-10-453-106-1

US-10-453-106-2

US-10-453-106-2

US-09-891-053-2

US-09-891-053-2

US-09-891-053-2

US-09-165-543-2

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; Pred. No. 3.1e-103;
48; Mismatches 84;
US-08-313-553-7
US-08-767-993-7
US-09-919-039-6
US-09-919-039-6
US-08-722-001-12
US-09-030-582-11
US-09-030-582-11
US-09-266-855A-23
US-09-266-899-23
US-09-688-415-11
US-08-314-69-6
US-08-228-932-6
US-08-722-001-28
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APPLICANT: Hedrick, Joseph A.
APPLICANT: Hadrick, Joseph A.
APPLICANT: Monsama, Frederick J. Jr.
APPLICANT: Monsama, Frederick J. Jr.
APPLICANT: Wang, Kelley L.
APPLICANT: Wang, Suke
TITLE OF INVENTION: Histamine receptor
FILE REFERENCE: CNOIO69
CURRENT APPLICATION NUMBER: US/09/414,010
CURRENT FILING DATE: 1999-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
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Patent No. 6204017
GENERAL INFORMATION:
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Best Local Similarity 65.1*
Matches 252; Conservative
         ORGANISM: Homo sapiens
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304 SLAILLGVFAVCWAPYSLFTIVLSFYSSATGPKSVWYRIAFWLQWFNSFVNPLLYPLCHK 363
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APPLICANT: Hedrick, Joseph A.
APPLICANT: Hedrick, Joseph A.
APPLICANT: Hedrick, Joseph A.
APPLICANT: Monsma, Frederick J. Jr.
APPLICANT: Morse, Kelley L.
APPLICANT: Morse, Kelley L.
APPLICANT: Wang, Suke
TITLE OF INVENTION: Histamine receptor
FILE REFERENCE: CN01069
CURRENT APPLICATION NUMBER: US/09/812,216
CURRENT FILING DATE: 2001-03-19
PRIOR FILING DATE: 1999-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PARENT NET 10007
SOFTWARE: PARENT NET 10007
SOFTWARE: ABENT NET 10007
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                                            364 RFOKAFLKILPVRROSTP-PHNRSIST 389
                                                                        364 RFQKAFLKIFCIKKQPLPSQHSRSVSS 390
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Patent No. 6613533
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Sequence 14, Application US/09875076
Patent No. 686976
GENERAL INFORMATION:
APPLICANT: Chen, Ruoping
APPLICANT: Dang, Huong T.

RESULT 3 US-09-875-076-14

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184 IPILLVAYFSAHIYWSLWKREKLSRCLSHPVLPSDSSSSDHGHSCRQDPDSRATLPARKE 243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                65 GYISIPLYIPHTLPEWDFGKEICVFWLTTDYLLCTASVYNIVLISYDRYLSVSNAVSYRT 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 NSTIALT-SIKISLIFLMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFFV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gapв
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APPLICANT: List, T.Lin
APPLICANT: List, T.Lin
TITLE OF INVENTION Human Orphan G Protein Coupled Receptors
FILE REFERENCE: ARENOGOG
CURRENT PLING DATE: 2001-06-06
FRIOR APPLICATION NUMBER: 09/41,044
FRIOR APPLICATION NUMBER: 00/12,416
FRIOR APPLICATION NUMBER: 60/120,416
FRIOR APPLICATION NUMBER: 60/120,416
FRIOR PLING DATE: 1999-02-26
FRIOR PLING DATE: 1999-02-26
FRIOR PLING DATE: 1999-03-12
FRIOR PLING DATE: 1999-05-28
FRIOR APPLICATION NUMBER: 60/136,436
FRIOR PLING DATE: 1999-05-28
FRIOR PRING DATE: 1999-05-29
FRIOR PLING DATE: 1999-05-29
FRIOR PLING DATE: 1999-05-29
FRIOR PRING DATE: 1999-05-29
FRIOR PRING DATE: 1999-09-29
FRIOR PLING DATE: 1999-09-29
FRIOR FILING DATE: 1999-00-29
FRIOR FILING DATE: 1999-00-20
FRIOR FILING DATE
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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307 MVSQS----ITQR--FRLSRDKKVAKSLAIIVSIFGLCWAPYTLLMIIRAACHGRCI-PD 359
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RAQHSGTWKIATQWVAVWIFSFWTNGPMILISDSWQ----NSTTE--CEPGFLKKWYFA 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ----DHGHSCRQDPDSR-----ATL-----PARKBTTASLGSDK 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GCWQKGHGEAM---PLHRYGVGEAAVGAEAGEATLGGGGGGGSVASPTSSSGSSSRGTER 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SRRKSSLLPSIRAYKNSNVIASKWGFLSHSDSLALQQREHIELPRARKLAKSLAILLAAF 312
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                                                                                                                                                                    Sequence 2, Application US/08985090
Patent No. 5885893
GENERAL INFORMATION:
APPLICANT: Andrew D.J. Goodearl
TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
                                                               360 YWYETSFWILWANSAVNPVLYPLCHYSFRRAFTKILCPQKLKVQPH 405
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,090
FILLIG DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    33.9%; Score 689.5; DB 1;
37.3%; Pred. No. 1.5e-50;
trive 70; Mismatches 132;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jean M. Silveri
REGISTRATION NUMBER: 39,030
REFRENCE/POCKET NUMBER: MAI-
TELECOMMUNICATION INFORMATION:
TELERHONE: (617) 227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      445 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 161; Conservative
                                                                                                                                                                                                                                                                                                                                                                         STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
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                                                                                                                                      RESULT 5
US-08-985-090-2
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                                                                                                                                      83 VGAPCIPLYVPYVLTGR#TFGRGLCKI#LVVDYLLCASSVFNIVLISYDRFLSVTRAVSY 142
                                                          244 TTASLGSDKSRRKSSLLPSIRAYKNSNVIASKMGPLSHSDSLALQQREHIELFRARKLAK 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RAQHSGTWKIATQWVAVWIPSFWTNGPMILISDSWQ----NSTTE--CEPGFLKKWYPA 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            143 RAQQGDTRRAVRKMALVWVLAFILLYGPAIL---SWRYLSGGSSIPEGHCYABFFYNWYFL 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     175 LPTSLLEFLIPILLVAYFSAHIYWSLWKREKL...-SRCLSHPVLPSDSSSS------ 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ----DHGHSCRODPDSRATLPARKETTASLGSDKSRRKSSLLPSIRAYKNSNVIASKMG 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      260 GCWPKGHGEA-------MPLHSSGSSSRGTERPR---SLKRGSKPSASSBEKRMK 306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               278 FLSHSDSLALQQREHIELFRARKLAKSLAILLAAFAICWAPYSLTTVIYSFFPERNLTKS 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            VGAIAIPLYIPSSLT-YWTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWY 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      26 AKGFSAAWTAV---LAALMALLIVATVLGNALVMLAFVADSSLRTONNPFLLNLAISDFL 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             200 ITASTLEFFTPFLSVTFFNLSIYLNIQRRTRIRLDGGREAGPEPPDAQPSPPSCW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 ANNSTIALTSIKISLTFLMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         51; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Takimura, Tetesuo
APPLICANT: Robayashi, Masahiko
APPLICANT: Robayashi, Masahiko
APPLICANT: Robayashi, Masahiko
APPLICANT: Tanaka, Ken-ichi
APPLICANT: Tanaka, Yusuke
APPLICANT: Ohta, Masataka
TITLE OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE (GTP)
TITLE OF INVENTION: NOVEL GUANOSINE
TITLE OF INVENTION: NOVEL GUANOSINE
CURRENT APPLICATION NUMBER: PCT/JP99/07280
PRIOR APPLICATION NUMBER: PCT/JP98/05967
PRIOR PILING DATE: 1999-12-25
PRIOR FILING DATE: 1999-12-25
PRIOR FILING DATE: 1999-05-25
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 413;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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k; Pred. No. 5.1e-51;
66; Mismatches 130;
                                                                                                                                                                                                                                         364 RPQKAPLKILPVRRQSTP-PHNRSIST 389
                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/09891053
Patent No. 6750323
GENERAL INFORMATION:
APPLICANT: Itadani, Hiraku
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34.1%;
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ORGANISM: Rattus norvegicus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 39.29
Matches 159; Conservative
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260 GCWQKGHGEAM----PLHRYGVGEAAVGAEAGEATLGGGGGGGGSVASPTSSSGSSSKGTER 316
                                                                                                                           317 PR---SLKRGSKPSASSASLEKRMKWVSQSFT-----QRFRLSRDRKVAKSLAVIVSIF 367
                                                                                                                                                                                      313 AICWAPYSLTTVIYSFFPERNLTKSTWYHTAFWLQWFNSFVNPFLYPLCHKRFQKAFLKI 372
                                                                                                                                                                                                            368 GLCWAPYTLLMIIRAAC-HGHCVPDYWYETSFWLLWANSAVNPVLYPLCHHSFRRAFTKL 426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VGAIAIPLYIPSSLT-YWTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWY 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RAQHSGTWKIATQMVAVWIFSFMTNGPMILISDSWQ----NSTTE--CEPGFLKKWYFA 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ||| || : :|: ||: :|: || || || || || RAQQGDTRRAVRKMILVWVIAFILYGPAIL---SWEYLSGGSSIPEGHCYAEFFYNWYFL 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 260 GCWQKGHGEAM---PLHRYGVGEAAVGAEAGEATLGGGGGGGSVASPTSSSGSSSRGTER 316
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                     PARKETTASLGSDK
                                                                                                      253 SRRKSSLLPSIRAYKNSNVIASKMGFLSHSDSLALQQREHIELFRARKLAKSLAILLLAAF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lovenberg, Timothy
APPLICANT: Exlander, Mark
APPLICANT: Briander, Mark
APPLICANT: Pyati, Jayashree
APPLICANT: Huser, Arm
TITLE OF INVENTION: SUBTYPE
TITLE OF INVENTION: SUBTYPE
TITLE OF INVENTION: US/09/167,354A
CURRENT APPLICATION NUMBER: US/09/167,354A
CURRENT FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 445
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 7, Application US/09167354A
; Patent No. 6136559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                       ----DHGHSCRODPDSR
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                                                               AICWAPYSLTTVIYSFFPERNLTKSTWYHTAFWLQWFNSFVNPFLYPLCHKRFQKAFLKI
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                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman
TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         33.9%; Score 689.5; DB 2; Length 4
37.3%; Pred. No. 1.5e-50;
tive 70; Mismatches 132; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/165,543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Blizabeth A. Hanley
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: MNI-032CP
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/042,780
                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09165543 Patent No. 6093545
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TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 445 amino acids
TYPE: amino acid
                                                                                                                                                                                          427 LCPQKLKIQPHS 438
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Best Local Similarity 37.3
Matches 161; Conservative
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STATE: Massachusetts
COUNTRY: USA
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                                                                                                      Sequence 7, Application US/09642855
Patent No. 6413743
GRNERAL INFORMATION:
APPLICANT: Lovenberg, Timothy
APPLICANT: Brlander, Mark
APPLICANT: Pyati, Jayashree
APPLICANT: Pyati, Jayashree
TITLE OF INVENTION: DNA ENCODING A HUMAN HISTAMINE RECEPTOR OF THE H3
TITLE OF INVENTION: SUBTYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 445;
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US-09-642-855-7
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33.9%; Score 689.5; DB 2; Length Best Local Similarity 37.3%; Pred. No. 1.5e-50;
Matches 161; Conservative 70; Mismatches 132; Indels
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CURRENT PAPPLICATION NUMBER: US/09/642,855
CURRENT FILING DATE: 2000-08-21
PRIOR APPLICATION NUMBER: 09/167,354
PRIOR PILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PETENTIN Ver. 2.0
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                          427 LCPQKLKIQPHS 438
373 LPVRRQSTPPHN 384
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US-09-642-514-7
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Sequence 7, Application US/09642514 Patent No. 6437100

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63 VGAIAIPLYIPSSLT-YWTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWY 121
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APPLICANT: Exlander, Mark
APPLICANT: Frander, Mark
APPLICANT: Pyati, Jayashree
APPLICANT: Huvar, Arne
TITLE OF INVENTION: DNA ENCODING A HUMAN HISTAMINE RECEPTOR OF THE FITTLE OF INVENTION: SUBTYPE
FILE REPRENCE: JWW
CURRENT APPLICATION NUMBER: US/09/642,852
CURRENT PILING DATE: 2000-08-21
APPLICANT: Lovenberg, Timothy
APPLICANT: Evenberg, Timothy
APPLICANT: Fyail, Jayashree
APPLICANT: Hyail, Jayashree
APPLICANT: Hyail, Jayashree
TITLE OF INVENTION: SUBTYPE
CURRENT APPLICATION NUMBER: US/09/642,514
CURRENT APPLICATION NUMBER: US 09/167,354
PRIOR APPLICATION NUMBER: US 09/167,354
PRIOR PLING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
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33.9%; Score 689.5; DB 2; Length 4
Best Local Similarity 37.3%; Pred. No. 1.5e-50;
Matches 161; Conservative 70; Mismatches 132; Indels
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; Patent No. 6855560
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US-09-642-852-7
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                                                                                                                                                                                                                                           Gaps
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APPLICANT: Peschke, Bernd
APPLICANT: Peschke, Bernd
APPLICANT: Peschke, Bernd
TITLE OF INVENTION: SUBSTITUTED HEXAHYDROPYRROLO[1,2-A]PYRAZINES,
TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]PYRAZINES,
TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]AZEPINES
FILE REFERENCE: 6483.200-US
CURRENT APPLICATION NUMBER: US/10/453,106
CURRENT FILING DATE: 2003-06-03
PRIOR PILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: Danish Application no. PA 2002 00863
PRIOR PILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 3
SOFTHARE: Patentin version 3.2
LENGTH: 445
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                                                                                                                                                                                                         Length 445;
                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:PEPTIDE
                                                                                                                                                                                                       Query Match 33.9%; Score 689.5; DB 2; Length Best Local Similarity 37.3%; Pred. No. 1.5e-50; Matches 161; Conservative 70; Mismatches 132; Indels
PRIOR APPLICATION NUMBER: 09/167,354
PRIOR FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 445
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Patent No. 6906060
                                                                                                      TYPE: PRT ORGANISM: Artificial Sequence
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; ORGANISM: Homo Sapiens
US-10-453-106-1
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Sequence 10930, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REPRENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
FRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR PILING DATE: 2000-10-20
PRIOR PLING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NOS: 207012
SEQ ID NO 10930
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   Length 445;
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Query Match 33.9%; Score 689.5; DB 2; Best Local Similarity 37.3%; Pred. No. 1.5e-50; Matches 161; Conservative 70; Mismatches 132;
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US-09-949-016-10930
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--PARKETTASLGSDK 252
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                                                              200 ITASTLEPFTPFLEVTFFNLSIYLNIQRRTRLRLDGARRAAGPEPPPEAQPSPPPGCW
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                             LPTSLLEFLIPILLVAYFSAHIYWSLWKRBKL----SRCLSHPVLPSDSSSS-----
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Patent No. 690606

GRENEAL INFORMATION:
APPLICANT: Peschke
TITLE OF INVENTION: SUBSTITUTED HEXAHYDROPYRROLO[1,2-A]PYRAZINES,
TITLE OF INVENTION: OCCHAYDROPYRAZINO[1,2-A]PYRAZINES,
TITLE OF INVENTION: DECHAYDROPYRAZINO[1,2-A]PYRAZINES,
TITLE OF INVENTION: DECHAYDROPYRAZINO[1,2-A]PYRAZINES,
TITLE OF INVENTION: DECHAYDROPYRAZINO[1,2-A]AZEPINES
TITLE OF INVENTION: DECHAYDROPYRAZINO[1,2-A]AZEPINES
CURRENT APPLICATION WUMBER: US/10/453,106
CURRENT FILING DATE: 2002-06-03
FRIOR APPLICATION WUMBER: US 60/387,047
PRIOR FILING DATE: 2002-06-06
FRIOR FILING DATE: 2002-06-07
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37.8%; Pred. No. 1.8e-50;
iive 66; Mismatches 142;
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Best Local Similarity 37.84
Matches 161; Conservative
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VGAFCIPLYVPYVLTGRWTFGRGLCKLWLVVDYLLCTSSAFNIVLISYDRFLSVTRAVSY 146
                                                                                            204 ITASTLEFFTPFLSVTFFNLSIYINIQRATRLELDGARBAAGFBFPFBAQPSPPFGCW 263
                                                                                                                                                                                                                                                                                        ----DHGHSCRODPDSR-----ATL-----PARKETTASLGSDK 252
                                                                                                                                                                                                                                                                                                                                                                                                       SRRKSSLLPSIRAYKNSNVIASKMGFLSHSDSLALQQREHIBLFRARKLAKSLAILLAAF 312
                                                                                                                                                                                                                                                                                                                                                                                                                                 313 AICWAPYSLTTVIYSFFPERNLTKSTWYHTAFWLQWFNSFVNPFLYPLCHKRFQKAFLKI 372
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                                                                                                                                                                       175 LPTSLLEFLIPILLVAYPSAHIYWSLWKREKL----SRCLSHPVLPSDSSSS----
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APPLICANT: KODAYABHI, MASAHIKO
APPLICANT: Tanaka, Ken-ichi
APPLICANT: Tanaka, Ken-ichi
APPLICANT: Hidaka, Yubuke
TITLB OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE (GTP)
TITLB OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE (GTP)
TITLB OF INVENTION: BINDING PROTEIN-COUPLED RECEPTOR PROTEINS
TITLB OF INVENTION: BINDING PROTEIN-COUPLED RECEPTOR PROTEINS
TITLB OF INVENTION: BINDING PROTEIN-COUPLED RECEPTOR PROTEINS
TITLB OF INVENTION NUMBER: PCT/JP99/07280
PRIOR APPLICATION NUMBER: PCT/JP98/05967
PRIOR APPLICATION NUMBER: PCT/JP98/05967
PRIOR PILING DATE: 1998-12-25
PRIOR PILING DATE: 1998-12-25
PRIOR PILING DATE: 1998-12-25
NUMBER OF SRQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
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Patent No. 6750322
GENERAL INFORMATION:
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Nakamura, Takao
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                                                        320 LKRGSKPSASSASLEKRMKMVSQSFT-----QRFRLSRDRKVAKSLAVIVSIFGLCWAP 373
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                                                                                                                                                                                                                                       Sequence 5, Application US/09165543
Patent No. 6093545
GENERAL INFORMATION:
APPLICANT: ALOREW D.J. Goodearl and Sandra Glucksman
TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESSS:
ADDRESSPER: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/165,543
FILING DATE:
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CLASSIPICATION:
PRICH APPLICATION DATA:
APPLICATION NUMBER: 09/042,780
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth A. Hanley
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: 33,505
REFERENCE/DOCKET NUMBER: 33,505
REFERENCE/DOCKET NUMBER: 31,505
TELEPHONE: (617)227-7400
TELEPHONE: (617)742-4214
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 445 amino acide
TYPE: amino acide
TYPE: amino acide
TYPE: APPLICATION INPORT
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Best Local Similarity 37.6
Matches 162; Conservative
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MOLECULE TYPE: protein
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STATE: Massachusetts
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US-09-165-543-5
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Db 260 GCWPKGHGEAM -- PLHRYGVGEAGEAALGGGSGGGAASPTSSSSSRGTER 316

QY 253 SRRKSSLLPSIPASTWANSNVISHSBSSLALQQREHIELFRARKLAKSLAILLAAF 312

Db 317 PR---SLKRGSKPSASSASLEKRMKOWSQS----ITQR--FRLSRDKKVAKSLAILVSIF 367

QY 313 AICWAPYSLTTVIYSFPERMLTKSTWYHTAFWLQWFNSFVNPPLYPLCHYRFQKAFLKI 372

Db 368 GLCWAPYTLLMIIRAACHGRCI-PDYWYETSFWLLWANSAVNPVLYPLCHYSFRRAFTKL 426

QY 373 LPVRRQSTPPH 383

Db 427 LCPQKLKVQPH 437

Search completed: April 27, 2006, 05:44:16

Search completed: April 27, 2006, 05:44:16
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RESULT 1
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985.064 Million cell updates/sec
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                                                                                                 April 27, 2006, 05:54:06 ; Search time 165 Seconds
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.: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
.: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
.: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
.: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
.: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
.: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
.: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*
              GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-09-812-116-2

US-09-875-076-14

US-09-875-076-14

US-09-876-252-14

US-09-891-138A-6

US-10-625-567A-629

US-10-225-567A-629

US-10-225-567A-629

US-10-225-567A-629

US-10-225-567A-629

US-10-354-769-2

US-10-344-253A-2

US-10-349-253A-2

US-10-696-673-2

US-10-737-619-2

US-10-737-619-2

US-10-737-619-2

US-10-737-619-2

US-10-737-619-2

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US-10-723-955-14
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Maximum Match 100%
Listing first 45 summaries
                                                                      protein search, using sw model
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length: 2000000000
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Sequence 10, Application US/10626445

| Sequence 10, Application US/10626445
| Publication No. US20040248252A1
| GENERAL INFORMATION:
| APPLICANT: Liu, Changlu
| TITLE OF INVENTION: DIABS Encoding Mammalian Histamine Receptor Of The FILE REPERENCE: PRD-0032
| CURRENT APPLICATION NUMBER: US/10/626,445
| CURRENT FILING DATE: 2003-07-23
| PRIOR PILING DATE: 2001-02-22
| PRIOR PILING DATE: 2001-05-31
| WINDER OF SEQ ID NOS: 27
| SOFTWARE: Patentin version 3.2
| SEQ ID NO 10
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100.0%; Pred. No. 7.6e-170;
ive 0; Mismatches 0;
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Best Local Similarity 100.
Matches 389; Conservative
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61 FFVGAIAIPLYIPSSLTWTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVW 120
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Publication No. US20020098539A1
GENERAL INFORMATION:
APPLICANT: Behan, Jiang Xu
APPLICANT: Hedrick, Joseph A.
APPLICANT: Hedrick, Joseph A.
APPLICANT: Monas M.
APPLICANT: Monea, Kelley L.
APPLICANT: Monea, Kelley L.
APPLICANT: Money, Shelby P.
APPLICANT: Money, Shelby P.
APPLICANT: Wang, Suke
ITLE OF INVENTION: Histamine receptor
FILE REFERENCE: CN01069
CURRENT APPLICATION NUMBER: US/09/812,216
CURRENT APPLICATION NUMBER: 09/414,010
PRIOR FILING DATE: 1999-10-07
WUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTIN VET. 2.1
PRIOR APPLICATION NUMBER: 09/790,849
PRIOR FILING DATE: 2001-02-22
PRIOR PRIOR APPLICATION NUMBER: 60/208,260
PRIOR FILING DATE: 2000-05-31
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PATENTIN VERBION 3.2
SEQ ID NO 10
LENGTH: 389
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ORGANISM: Homo sapiens
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LENGTH: 390
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US-09-812-216-2
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Publication No. US20050074770A1

GENERAL INPORMATION:

APPLICANT: LOYenberg, Timothy

APPLICANT: Liu, Changlu

TILE NOT INVENTION: UNAB Encoding Mammalian Histamine Receptor Of The H4 Subtype

TILE REFERENCE: PRD-0033

CURRENT APPLICATION NUMBER: US/10/626,126

CURRENT APPLICATION NUMBER: 09/790,849

PRIOR FILING DATE: 2001-02-22

PRIOR FILING DATE: 2000-05-31

NUMBER OF SEQ ID NOS: 27

SOFTWARE: Patentin version 3.2

LENGTH: 389
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US-10-626-398-10
US-10-626-398-10
Sequence 10, Application US/10626398
Sequence 10, Publication No. US20050074841A1
GENERAL INFORMATION:
APPLICANT: Liu, Changlu
TITLE OF INVENTION: DANS Encoding Mammalian Histamine Receptor Of The H4 Subtype
FILE REFERENCE: PRD-0034
CURRENT APPLICATION NUMBER: US/10/626,398
CURRENT FILING DATE: 2003-07-23
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                            CHKRFQKAFLKILPVRRQSTPPHNRSIST 389
                                                  361 CHKRFQKAFLKILPVRRQSTPPHNRSIST 389
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                                                                                                                                                                 US-10-626-126-10
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                                                                                                                                                                                                                                                   QHTGVLKIVTLMVAVWVLAFLVNGPMILVSESWKDEGSECEPGFFSEWYILAITSFLEFV 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Chen, Ruoping
APPLICANT: Dang, Huong T.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lia, I-Lin
TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
FILE REFERENCE: ARENO050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT PILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 09/417,044
PRIOR PELING DATE: 1999-10-12
PRIOR PELING DATE: 1999-00-12
PRIOR PELING DATE: 1999-02-16
PRIOR PELING DATE: 1999-02-16
PRIOR PELING DATE: 1999-02-16
PRIOR PELING DATE: 1999-02-16
PRIOR APPLICATION NUMBER: 60/123,946
PRIOR PELING DATE: 1999-03-12
PRIOR PELING DATE: 1999-05-28
PRIOR PELING DATE: 1999-05-28
PRIOR PELING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: 60/136,436
PRIOR PELING DATE: 1999-05-28
PRIOR PELING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: 60/136,437
PRIOR PELING DATE: 1999-05-28
PRIOR PELING DATE: 1999-05-29
PRIOR PELING DATE: 1999-09-29
PRIOR PELING DATE: 1999-00-29
PRIOR PELING DATE: 1999-10-01
PRIOR APPLICATION NUMBER: 60/157, 294
PRIOR PELING DATE: 1999-10-01
PRIOR APPLICATION NUMBER: 60/157, 294
PRIOR PELING DATE: 1999-10-01
PRIOR PELING DATE: 1999-10-01
PRIOR PELING DATE: 1999-10-01
PRIOR PELING DATE: 1999-10-01
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                                                                                                                                                                                                                            QHSGTWKIATQMVAVWIPSFMTNGPMILISDSWQNSTTECEPGFLKKWYFALPTSLLEFL 183
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                                            NSTIALT-SIKISLTFLMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFFV
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  Gaps
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CURRENT APPLICATION NUMBER: US/09/910,411
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: 09/693,761
PRIOR PILING DATE: 2000-10-20
PRIOR PLILING DATE: 2000-10-20
PRIOR PLILING DATE: 2000-02-03
PRIOR PLILING DATE: 2000-02-03
PRIOR FILING DATE: 1999-11-02
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PASLSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 390
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65.1%; Pred. No. 4.6e-106;
ive 48; Mismatches 84;
48; Mismatches
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Patent No. US20020137054A1
GENERAL INFORMATION:
APPLICANT: Bergsma, Derk
APPLICANT: Fitzgerald, Laura
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Best Local Similarity 65.1
Matches 252; Conservative
252; Conservative
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ORGANISM: Homo sapien
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GVISIPLYIPHTLFEWDFGKEICVFWLTTDYLLCTASVYNIVLISYDRYLSVSNAVSYRT 124
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PRIOR APPLICATION NUMBER: 60/123,945
PRIOR FILING DATE: 1999-03-12
PRIOR APPLICATION NUMBER: 60/123,948
PRIOR APPLICATION NUMBER: 60/123,946
PRIOR APPLICATION NUMBER: 60/123,946
PRIOR PILING DATE: 1999-03-12
PRIOR PLING DATE: 1999-03-12
PRIOR PLING DATE: 1999-03-12
PRIOR PLING DATE: 1999-03-12
PRIOR PLING DATE: 1999-09-13
PRIOR PLING DATE: 1999-09-12
PRIOR PRILING DATE: 1999-09-12
PRIOR PRILING DATE: 1999-09-12
PRIOR PRILING DATE: 1999-09-27
PRIOR PRILING DATE: 1999-09-27
PRIOR PRILING DATE: 1999-09-27
PRIOR PRILING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-29
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PRIOR PLING DATE: 1999-00-19
PRIOR PLING DATE: 1999-00-19
PRIOR PLING DATE: 1999-10-01
PRIOR PRING DATE: 1999-09-29
PRIOR PRING DATE: 1999-00-29
PRIOR PRING DATE: 1999-00-29
PRIOR PRING DATE: 1999-00-29
PRIOR PRING DATE: 1999-00-10-01
PRIOR PRING DATE: 1999-00-10-01
PRIOR PRING DATE: 1999
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CORGANISM: Homo sapiens
US-09-876-252-14
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Sequence 14, Application US/08876252

Publication No. US200300182A1

GENERAL INFORMATION:

APPLICANT: Lehmann-Bruinse P.

APPLICANT: Lehmann-Bruinse P.

APPLICANT: Lehmann-Bruinse P.

APPLICANT: Lin, I-Lin

APPLICANT: Lin, Sevin P.

APPLICANT: Sevin P.

APPLICANTON NUMBER: US/09/876,252

CURRENT APPLICATION NUMBER: 09/170,496

PRIOR PLING DATE: 1999-10-12

PRIOR PLING DATE: 1999-10-12

PRIOR APPLICATION NUMBER: 60/110,660

PRIOR APPLICATION NUMBER: 60/110,660

PRIOR PLING DATE: 1999-02-16

PRIOR PLING DATE: 1999-02-26

PRIOR PLING DATE: 1999-02-26

PRIOR PLING DATE: 1999-03-12

PRIOR PLING DATE: 1999-03-12
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NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                        Best Local Similarity 65.1
Matches 252, Conservative
                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
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US-09-875-076-14
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GENERAL INFORMATION:
APPLICANT: Lin, Daniel Chi-Hong
APPLICANT: Zhao, Jiagang
Publication No. US20030083245A1
                                                                                                                                                                                                                                   SEQ ID NO 6
LENGTH: 390
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US-10-052-193-2
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                                  QHSGTWKIATQMVAVWIFSFMTNGPMILISDSWQNSTTECEPGFLKKWYFALPTSLLEFL 183
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                                                                                                                                                                                                                                      Sequence 2, Application US/09852165
; Sequence 2, Application US/09852165
; Publication No. US20030032784A1
; GENERAL INFORMATION:
; APPLICANT: Lind, Feter
; APPLICANT: Sejlitz, Torsten
; APPLICANT: Wood, Linda S.
; TITLE OF INVENTION: No. US20030032784A1e1 G Protein-Coupled Receptors
; FILE REPERENCE: 00231regUS
; CURRENT APPLICATION NUMBER: US/09/852,165
; CURRENT PILING DATE: 2000-05-08
; PRIOR PILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 3
; SOPTWARE: Patentin version 3.0
; SEQ ID NO 2
LENGTH: 390
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ORGANISM: Homo sapiens
US-09-852-165-2
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RESULT 9 US-09-891-138A-6 ; Sequence 6, Application US/09891138A

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GAIAIPLYIPSSLTYWTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWYRA 123
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APPLICANT: Zhao, Jiagang
APPLICANT: Chen, Jin-Long
APPLICANT: Chen, Jin-Long
APPLICANT: Cuter, Gene
APPLICANT: Cuter, Gene
APPLICANT: Cuter, Gene
APPLICANT: Cutering Inc.
TITLE OF INVENTION: No. US20030083245Alel Receptors
FILE REPERENCE: 018781-006210US
CURRENT APPLICATION NUMBER: US/09/891,138A
CURRENT APPLICATION NUMBER: US 60/213,461
PRIOR APPLICATION NUMBER: US 60/213,461
PRIOR PILING DATE: 2000-06-25
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
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Sequence 2, Application US/10052193
GENERAL INFORMATION:
TITLE OF INVENTION:
FILE REFERENCE: PC10523.A
CURRENT APPLICATION NUMBER: US/10/052,193
CURRENT FILING DATE: 2002-01-17
PRIOR APPLICATION NUMBER: 0101223.6
PRIOR PILING DATE: 2001-01-17
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
TYPE: PRI
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ORGANISM: Homo sapiens
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| GERERAL INCPORTATION NO. US20030148450A1
| GERERAL INCPORTATION NO. US20030148450A1
| GERERAL INCPORTATION RUPING
| APPLICANT: Chen, Ruoping
| APPLICANT: Liaw, Chen W. |
| TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
| CURRENT APPLICATION NUMBER: US/09/10-17
| FRIOR REPLICATION NUMBER: US/09/213
| PRIOR PLILING DATE: 1999-10-12
| PRIOR PLILING DATE: 1999-10-26
| PRIOR PLILING DATE: 1999-02-26
| PRIOR PLILING DATE: 1999-02-26
| PRIOR PLILING DATE: 1999-03-12
| PRIOR PLILING DATE: 1999-03-28
| PRIOR PLILING DATE: 1999-05-28
| PRIOR PLILING DATE: 1999-05-28
| PRIOR PLILING DATE: 1999-05-28
| PRIOR PLILING DATE: 1999-06-28
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Best Local Similarity 65.1%; Pred. No. 4.6e-106;
Matches 252; Conservative 48; Mismatches 84;
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US-10-272-983-14
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Publication No. US20030113798A1
GENERAL INFORMATION:
APPLICANT: Infergan Biosciences
APPLICANT: Brown, Joseph P.
APPLICANT: Roush, Christine L.
APPLICANT: Roush, Christine L.
TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
FILE REFERENCE: 1920-4-4
CURRENT APPLICATION NUMBER: US/10/225,567A
CURRENT APPLICATION NUMBER: 60/257,144
PRIOR FILING DATE: 2000-12-19
PRIOR FILING DATE: 2000-12-19
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64.3%; Score 1308.5; DB 4; Length 390;
Best Local Similarity 65.1%; Pred. No. 4.6e-106;
Matches 252; Conservative 48; Mismatches 84; Indels 3;
                                                                                     Length 390;
                                                                               Query Match 64.3%; Score 1308.5; DB 4; Length Best Local Similarity 65.1%; Pred. No. 4.6e-106; Matches 252; Conservative 48; Mismatches 84; Indels
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SOFTWARE: Patentin version 3.1
SEQ ID NO 629
LENGTH: 390
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CORGANISM: Homo sapiens
US-10-225-567A-629
  ; ORGANISM: Homo sapiens
US-10-052-193-2
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US-10-225-567A-629
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SLAILLAAFAICWAPYSLTTVIYSFFPERNLTKSTWYHTAFWLQWFNSFVNPFLYPLCHK 363
                        RESULT 14

US-10-333-807-14

US-610-333-807-14

US-610-333-807-14

US-610-333-807-14

US-610-333-807-14

Sequence 14, Application US/10393807

Publication No. US20030175891A1

GENERAL INFORMATION:

APPLICANT: Diaw, Chen W.

APPLICANT: Lin, I-Lin WINGER:

APPLICANT: Lin, I-Lin WINGER:

APPLICANT: Lin, I-Lin WINGER:

US/10/333,807

CURRENT PILING DATE: 1999-100-21

FRIOR PILING DATE: 1999-100-21

FRIOR PILING DATE: 1999-100-21

FRIOR PILING DATE: 1999-02-16

FRIOR PILING DATE: 1999-02-16

FRIOR PILING DATE: 1999-02-16

FRIOR PILING DATE: 1999-03-12

FRIOR PILING DATE: 1999-03-12

FRIOR PILING DATE: 1999-03-12

FRIOR PILING DATE: 1999-05-18

FRIOR PILING DATE: 1999-05-28

FRIOR APPLICATION NUMBER: 60/136,436

FRIOR PILING DATE: 1999-05-28

FRIOR PILING DATE: 1999-05-28
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                                                                                          REOKAFLKILPVRROSTP-PHNRSIST 389
                                                                                                                       364 RFQKAFLKIFCIKKQPLPSQHSRSVSS 390
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244 VPASFHSERQRRKSSLMFSSRTKMNSNTIASKMGSFSQSDSVALHQREHVELLRARRLAK 303
65 GVISIPLYIPHTLPEMDFGKEICVFWLTTDYLLCTASVYNIVLISYDRYLSVSNAVSYRT 124
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                                                                                                                       244 TTASLGSDKSRRKSSLLPSIRAYKNSNVIASKMGPLSHSDSLALQQREHIELFRARKLAK 303
                                                                                                                                                                                                                 304 SLAILLAAFAICWAPYSLITVIYSFFPERNLIKSTWYHTAFWLOWFNSFVNPFLYPLCHK 363
                                                                                                                                                                                                                                                                                                           304 SLAILLGVPAVCWAPYSLFTIVLSFYSSATGPKSVWYRIAFWLQWFNSFVNPLLYPLCHK 363
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64.3%; Score 1308.5; DB 4,
Best Local Similarity 65.1%; Pred. No. 4.6e-106;
Matches 252; Conservative 48; Mismatches 84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SQUENCE 2. Application US/10354769
Publication No. US20030149242A1
GENERAL INFORMATION:
APPLICANT: Pfizer Inc.
APPLICANT: Peter Beate
TILLE OF INVENTION: NOVEL POLYPEPTIDE
TILLE OF INVENTION NOVEL POLYPEPTIDE
TILLE OF INVENTION NOVER: US/10/354,769
CURRENT FILING DATE: 2003-01-30
CURRENT FILING DATE: 2000-10-27
PRIOR PELING DATE: 2000-10-27
PRIOR APPLICATION NUMBER: US 60/211,243
PRIOR PILING DATE: 2000-0-6-14
PRIOR PILING DATE: 2000-0-6-14
PRIOR APPLICATION NUMBER: GB 9925641.4
PRIOR APPLICATION NUMBER: GB 9009973.9
PRIOR PILING DATE: 2000-04-20
NUMBER OF SEQ ID NOS: 10
SEQ ID NO 2
LENGTH: 390
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US-10-354-769-2
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US-10-417-820A-14

Sequence 14, Application US/10417820A

Publication No. UG2003022916A1

GENERAL INFORMATION:

APPLICANT: Lidw', Chen W.

APPLICANT: Chen, Working

APPLICANT: Chalmers, Derek T.

APPLICANT: Chalmers, Derinto P.

ITILE OF INVENTION: Receptors

FILE REFRENCE: 7. US28.COM

CURRENT APPLICATION NUMBER: US/10/417,820A

CURRENT APPLICATION NUMBER: US/10/416

FRIOR PILING DATE: 1999-10-12

FRIOR APPLICATION NUMBER: 09/116,760

FRIOR PILING DATE: 1999-10-12

FRIOR PILING DATE: 1999-10-12

FRIOR PILING DATE: 1999-10-12

FRIOR FILING DATE: 1999-02-26

FRIOR FILING DATE: 1999-02-26

FRIOR FILING DATE: 1999-02-26

FRIOR FILING DATE: 1999-03-12

FRIOR FILING DATE: 1999-03-12

FRIOR FILING DATE: 1999-03-12

FRIOR FILING DATE: 1999-03-12

FRIOR PILING DATE: 1999-03-12

FRIOR APPLICATION NUMBER: 60/123,945

FRIOR APPLICATION NUMBER: 60/123,945

FRIOR FILING DATE: 1999-03-12

FRIOR FILING DATE: PATENTALION NUMBER: 60/123,945

FRIOR FILING DATE: 1999-03-12

FRIOR FILING DATE: PATENTALION NUMBER: 60/123,945

FRIOR FILING DATE: PATENTALION DATE: PATENTALION
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; ORGANISM: Homo sapiens
US-10-417-820A-14
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LENGTH: 390
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; Sequence 1, Application US/11115564
; Publication No. US20050267116A1
; GENERAL INFORMATION:
    APPLICANT: Peechke, Bernd
; APPLICANT: Hohlweg, Rolf
; TITLE OF INVENTION: OCTAHYDROPYRED(1,2-A)PYRAZINES,
; TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]PYRAZINES
; TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]AZEPINES
; TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]AZEPINES
; FILE REFERENCE: 6463.200-06
; CURRENT APPLICATION NUMBER: US/11/115,564
; CURRENT PILING DATE: 2005-04-27
; PRIOR APPLICATION NUMBER: US 60/387,047
; PRIOR PILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: Danish Application no. PA 2002 00863
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1:
    LEAST OF SEQ ID NOS: 3
; SEQ ID NO 1:
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US-10-877-346-47
US-10-877-346-49
US-10-995-51-101
US-11-166-412-51
US-10-521-162-12
US-11-174-816-15
US-11-174-816-15
US-11-174-819-70
US-11-174-819-70
US-11-174-816-13
US-11-174-816-13
US-11-174-816-13
US-11-174-816-39
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Best Local Similarity 37.39
Matches 161; Conservative
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ORGANISM: Homo Sapiens
                                 LENGTH: 445
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                                                                                                                                                                                                                                                                                  ; GENERAL INFORMATION:
; APPLICANT: PBESCHE, BETTICANT: PAPLICANT: POLINES, ROLF
; APPLICANT: HOHIWEG, ROLF
; TITLE OF INVENTION: SUBSTITUTED HEXAHYDROPYRROLO[1,2-A]PYRAZINES,
; TITLE OF INVENTION: OCTAHYDROPYRAZINO[1,2-A]PYRAZINES AND
; TITLE OF INVENTION: DECHHYDROPYRAZINO[1,2-A]AZEPINES
; FILE REFERENCE: 6483.200-US
; CURRENT APPLICATION NUMBER: US/11/115,564
; CURRENT PILING DATE: 2005-04-27
; PRIOR APPLICATION NUMBER: Danish Application no. PA 2002 00863
; PRIOR FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 3.2
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; Publication No. US20060024792A1
; GRNEAL INFORMATION:
APPLICANT: INCYTE GENOMICS INC., BAUGHN, Mariah R.,
APPLICANT: GRAUL Richard C.; CHAWLA, Narinder K.;
APPLICANT: GANDHI, Ameena R.; HAFALIA, April J.A.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Score 681.5; DB 7;
; Pred. No. 7.2e-54;
65; Mismatches 135;
                                                                                                                                                                                      ; Sequence 3, Application US/11115564; Publication No. US20050267116A1; GENERAL INFORMATION:
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Matches 162; Conservative
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                                   SRRKSSLLPSIRAYKNSNVIASKMGFLSHSDSLALQQREHIELFRARKLAKSLAILLAAF
                                                                                                   PR---SLKRGSKPSASSASLEKRMKMVSQSPT-----QRFRLSRDRKVAKSLAVIVSIF
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APPLICANT: Hohlweg, Rolf
TITLE OF INVENTION: OCTAHYDROPYRACIO[1,2-A]PYRAZINES,
TITLE OF INVENTION: OCTAHYDROPYRAZINO[1,2-A]PYRAZINES,
TITLE OF INVENTION: OCTAHYDROPYRAZINO[1,2-A]PYRAZINES
TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]AZEPINES
TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]AZEPINES
TITLE OF INVENTION: DECAHYDROPYRAZINO[1,2-A]AZEPINES
TITLE OF INVENTION NUMBER: Us/11/115,564
CURRENT PILING DATE: 2005-04-27
PRIOR APPLICATION NUMBER: Us 60/387,047
PRIOR PILING DATE: 2002-06-07
PRIOR PILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 2, Application US/11115564; Publication No. US20050267116A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                      LPVRRQSTPPHN 384
                                                                                                                                                                                                                                                                                                                                                                                                                 LCPOKLKIQPHS 438
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ORGANISM: Monkey
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Length 445; Indels 222

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CURRENT FILING DATE: 2005-05-09
PRIOR APPLICATION NUMBER: US 60/568,845
PRIOR FILING DATE: 2004-07
PRIOR APPLICATION NUMBER: US 60/625,936
PRIOR PILING DATE: 2004-11-09
NUMBER OF SEQ ID NOS: 21112
SEQ ID NO 183
                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 23.1%;
Matches 124; Conservative 8:
                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-124-368A-183
                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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Publication No. US20050287559A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Michele Carglil
APPLICANT: May Luke
TITLE OF INVENTION: Genetic Polymorphisms Associated with
TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof
FILE REPERENCE: CL001524
CURRENT APPLICATION NUMBER: US/11/124,368A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               98 TASVYNIVLISYDRYQSVSNAVWYRAQHSGTWKIATQMVAVWIPSFMTNGPMILISDSWQ 157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            46 RHRSNYFFLN----LAIADFF----VGAIAIPLYIPSSLTYWTSGKQACVFWLITDYLLC 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         158 NSTIECEPGPLKKWYPALPISLLEFLIPILLVAYFSAHIYWSLWKREKLSRCLSHP 213
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                                                                                                          APPLICANT: BOKTOM, WELL ALLY, ALLY, ALLY, APPLICANT: BOKTOM, WELL, APPLICANT: ARVIZU, Chandra S.; ROOPA, Reddy M.; APPLICANT: NGTEN, Danniel B.; LEB, Ernestine A.; APPLICANT: NGTEN, Danniel B.; LEB, Ernestine A.; APPLICANT: WALSH, ROGERICK T.; POLICKY, Jennifer L.; TILLS OF INVENTION: G-PROTEIN COUPLED RECEPTORS FILE REFERENCE: PL-0236 USN
CURRENT APPLICATION NUMBER: US/11/241,956
CURRENT APPLICATION NUMBER: US/11/298,036
PRIOR APPLICATION NUMBER: PCT/US01/30661
PRIOR PILING DATE: 2003-03-28
PRIOR PELING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US 60/245,855
PRIOR APPLICATION NUMBER: US 60/245,855
PRIOR APPLICATION NUMBER: US 60/240,343
PRIOR PILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: US 60/240,589
PRIOR PILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: US 60/245,900
PRIOR FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: US 60/245,900
PRIOR FILING DATE: 2000-11-15
PRIOR PILING DATE: 2000-11-05
        RAMKUMAR, Jayalaxmi; TRIBOULEY, Catherine INTORNYON, Michael B.; KALLICK, Deborah A.; YAO, Monique G.; ELLIOTT, VICKI S.; BURFORD, Neil; KHAN, Farrah A.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: 7474823CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 59.11
Matches 104; Conservative
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US-11-124-368A-183
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Sequence 54, Application US/11127877

Publication No. US20050287565A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Metchiers, Pascal G.
APPLICANT: Hoffmann, Marcel
APPLICANT: Lacens, Wendy
TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
TITLE OF INVENTION: Methods, Compositions and Compound
FILE REFERENCE: P27,800-B USA
CURRENT PAPLICATION NUMBER: US/11/127,877

CURRENT FILING DATE: 2005-05-12

PRIOR FILING DATE: 2004-05-12

PRIOR FILING DATE: 2004-06-24

NUMBER OF SEQ ID NOS: 590
                                                                                                                                                                                                                                                                                                                                                                                                                                   419 SPPKSPSKLPIQLESAVDTAKTSDVNSSVGKSTATLPLSFK----EATLAKRPALKTRSQ 474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           243 PVTIMTI----LYWRIYKETEKRTKELAGLQASGTEAETENFVHPTGSSRSCSSYELQQQ 298
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           232 --PDSRATLPARKET----TASLGSDKSRRKSSLLPSIRAYKNSNVIASKMGFLSHSD 283
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                                                                                                                                                                                                                                                         75 SLTY-----WTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWYRAQHSGTW
                                                                                                                              15 ISLIPLMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFFVGAIAIPLYIPS
                                                                                                                                                                                                                                                                                                                                                                                           130 KIATQMVAV-WIFSFMTNGPMILISDSWQNSTT----ECEPGFLKKWYFALPTSLLEFLI
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; Score 403.5; DB 7; Length 590;
; Pred. No. 1.4e-28;
83; Mismatches 146; Indels 183;
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APPLICANT: Merchiers, pascal G.
APPLICANT: Hoffmann, Marcel
APPLICANT: Spittaels, Koenraad F. F.
APPLICANT: Laenen, Wendy
TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
FILE REFERENCE: P27,800-B USA
FILE REFERENCE: P27,800-B USA
CURRENT APPLICATION NUMBER: US/11/127,877
CURRENT APPLICATION NUMBER: 60/570,352
PRIOR APPLICATION NUMBER: 60/570,352
PRIOR PILING DATE: 2004-08-24
NUMBER OF SEQ ID NOS: 590
SOFTWARE: PatentIn version 3.3
SEQ ID NO 42
LENGTH: 532
                                                                                                                                              16;
                                                                                                                                                                                           |: :: :: :: :| ::| STRINKELEKRIKELAGLQASGIEAETENFVHPIGSSRSCSSYELQQQ 298
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                                                                                                                                                                                                                                                            126 -TYIIMNRWALGNLACDLWLAIDYVASNASVMNLLVISFDRYFSITRPLTYRAKR--TT
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                                                                                                                                                                          15 ISLIFLMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFFVGAIAIPLYIPS
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                                                                                                                                              Gaps
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                                                                                                            Query Match
19.8*; Score 403.5; DB 7; Length 590;
Best Local Similarity 23.1*; Pred. No. 1.4e-28;
Matches 124; Conservative 83; Mismatches 146; Indels 183;
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US-11-127-877-42
Sequence 42, Application US/11127877
Publication No. US20050287565A1
SOFTWARE: PatentIn version 3.3
                                             i TYPE: PRT
i ORGANISM: Homo sapiens
US-11-127-877-54
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; ORGANISM: Homo sapiens
US-11-127-877-42
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             SEQ ID NO 54
LENGTH: 590
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                                                                                                                                                                                                                                                                                   75 SLTY-----WTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWYRAQHSGTW 129
                                                                                                                                                                                                                                                                                                                                                                                                                           KIATQMVAV-WIFSFMTNGPMILISDSWQN-----STTECEPGFLKKWYFALPTSLLE 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           202 FYIPVSVMTILYCRIYRETEKRTKDLADLQGSDSVTKAEKRKPAHRALFRSCLRCPRPTL 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           262 AQRERNOASWSSRRSTSTTGKPSQATGPSANWAKAEQLTTCSSYP-----SSEDEDKP 315
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               316 ATDPVLQVVYKSQGKESPGEEFSAESTEETFVKAETEKSDYDTPNYLLSPAAAHRPKSQK 375
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                                                                                                                                           15 ISLIFLMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFFVGAIAIPLYIPS
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APPLICANT: Lee, Frank D.

APPLICANT: Lee, Frank D.

APPLICANT: Chan, John W.

APPLICANT: Chan, John W.

APPLICANT: Chan, John W.

APPLICANT: Bankovic, Seephen J.

ITILE OF INVENTION: UNIQUE RECCGNITION SEQUENCES AND METHODS OF USE TITLE OF INVENTION: PROTEIN ANALYSIS

FILE REFERENCE: EPTM-P05-001

CURRENT APPLICATION NUMBER: US/11/249, 847

CURRENT FILING DATE: 2005-10-12

PRIOR APPLICATION NUMBER: 60/319, 549

PRIOR APPLICATION NUMBER: 60/393, 137

PRIOR APPLICATION NUMBER: 60/393, 137

PRIOR APPLICATION NUMBER: 60/393, 137

PRIOR PILING DATE: 2002-07-01

PRIOR PILING DATE: 2002-07-01
                                                                     Indels 155;
   Length 532;
19.4%; Score 395.5; DB 7; 24.2%; Pred. No. 6.7e-28; Live 79; Mismatches 145;
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Publication No. US20060035270A1
GENERAL INFORMATION:
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                                    Best Local Similarity 24.28 Matches 121; Conservative
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US-11-127-877-50
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Sequence 51, Application US/205028756341

GENERAL INPORMATION:

APPLICANT: Hoffmann, Marcel

APPLICANT: Spittaels, Koenraad F. F.

APPLICANT: Laenen, Wends,

TILLE OF INVENTION: Amyloid-Beta Protein Production

TILLE OF INVENTION: Amyloid-Beta Protein Production

FILE REPRENCE: P27,800-B USA

CURRENT FILING DATE: 2005-05-12

PRIOR APPLICATION NUMBER: 60/570,352

PRIOR APPLICATION NUMBER: 60/570,352

PRIOR PLING DATE: 2004-08-14

PRIOR FILING DATE: 2004-08-24

NUMBER OF SEQ ID NOS: 590
                                                                                                                                                                                                                                                                             14;
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251 PGKESPWEVLKRKPKDAGGGSVLKSPSQTPKEMKSPVVPSQEDDREVDKLYCPPLDIVFM 310
                                                                                                                                                                                                                                                                                                                                                                                     61 FFVGAIAIP---LYIPSSLTYWTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSN 117
                                                                                                                                                                                                                                                                                                                                                                                                       74 LIVGAVVMPMNILYL--LMSKWSLGRPLCLFWLSMDYVASTASIFSVFILCIDRYRSVQ' 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                         AVWYRAQHSGTWKIATQMVAVWIPSFMTNGPMILISDSWQNSTT-----ECBPGFLKKWYF 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ALPTSLURPLIPILLVAYPSAHIY----- 197
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                                                                                                                                                                                                                                                                                                                                   14 MCEGNKTTWASPQLMPLVVVLSTICLVTVGLNLLVLYAVRSERKCHTVGNLYIVSLSVAD 73
                                                                                                                                                                                                                                        Query Match
19.0%; Score 386.5; DB 7; Length 487;
Best Local Similarity 23.2%; Pred. No. 3.9e-27;
Matches 114; Conservative 85; Mismatches 158; Indels 135; Gaps
PRIOR APPLICATION NUMBER: 60/393,280
PRIOR FILING DATE: 2002-07-01
PRIOR PILING DATE: 2002-10-04
PRIOR PILING DATE: 2002-12-04
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 614
SOFTWARE: Patentin version 3.2
SEQ ID NO 582
LENGTH: 487
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PKKTFKRILHIR 486
                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
US-11-249-847-582
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APPLICANT: Merchiers, Pascal G.
APPLICANT: Meffmann, Marcel
APPLICANT: Meffmann, Marcel
APPLICANT: Spittaels, Koenraad F. F.
APPLICANT: Spittaels, Koenraad F. F.
APPLICANT: Laenen, Wendy
TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
TITLE OF INVENTION: Mayloid-Beta Protein Production
FILE REPRENCE: P27, 800-805-12
PRIOR APPLICATION NUMBER: 60/570,352
PRIOR APPLICATION NUMBER: 60/670,352
PRIOR PILING DATE: 2004-05-12
PRIOR PILING DATE: 2004-05-12
PRIOR FILING DATE: 2004-08-24
NUMBER OF SEQ ID NOS: 590
SOFTWARE: Patentin version 3.3
SEQ ID NO 50
LENGTH: 466
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                                                                                                                                                                                                                                                                                                                                           11 SSNCTQPPAPVNISKAILLGVILGGLILFGVLGNILVILSVACHRHLHSVTHYYIVNLAV
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                                                                                                                                                                                               Length 429;
                                                                                                                                                                                               Query Match
18.9%; Score 385.5; DB 7; Length 4
Best Local Similarity 28.5%; Pred. No. 4.2e-27;
Matches 115; Conservative 66; Mismatches 140; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        343 AFWLQWFNSFVNPFLYPLCHKRFQKAF---LKILPVRRQSTPPH 383
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SOFTWARE: Patentin version 3.3
SEQ ID NO 51
LENGTH: 429
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                                                                                    ; TYPE: PRT
; ORGANISM: Homo
US-11-127-877-51
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OGLEHNKI ON KSRRKSSILI :: - - - - - - - - - - - - - - - - -	CURRENT PAPLICATION NUMBER: US/10/499,210 CURRENT PILING DATE: 2004-06-14 PRIOR FILING DATE: 2004-12-18 PRIOR FILING DATE: 2001-12-18 PRIOR FILING DATE: 2001-12-18 PRIOR FILING DATE: 2001-12-18 PRIOR FILING DATE: 2001-12-18 NUMBER 00 S SEQ ID NOS: 5 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 2 LENGTH: 400 TYPE: PRT ORGANISM: Homo sapiens ORGANISM: Homo sapiens 10-499-210-2 Query Match Best Local Similarity 29.6%; Pred. No. 9.78-26; Best Local Similarity 29.6%; Mismatches 160; Indels 34; Gaps Matches 110; Conservative 68; Mismatches 160; Indels 34; Gaps 24 LAIAIMLGNVVVILAFIVDRNLRHRSNYFFLANIAIADFFVGAIAIPLYIPSSLITWTS : : : : : : : : : : : : :	Qy 82 GKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWYRAQHSGTWKIATQWVA 137 Db 99 SICCDVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWYRAQHSGTWKIATATA 156 Qy 138 VWIFSFRTVGDVHLIDSWQNSTTGCBGFLKKWYFALPFLFLIPILLVAYFSAHIY 197 Db 157 VWVLAFRYSCP-LLFGFNTTGDPTVCSISNPDFVIXSSVVSFYLPFGVTVLVYARIY 212 Qy 198 WSLWKREKLSRCLS-HPVLPSDSSSSDHGHSCRQDPDSRATLPAR 241
	RESULT 11 US-11-127-877-41 is Sequence 41, Application US/11127877 is Publication No. US20050287565A1 is GENERAL INFORMATION: is APPLICANT: Merchiers, Pascal G. is APPLICANT: Application Marcel is APPLICANT: Spittaels, Koenraad F. F. if TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting if TITLE OF INVENTION: Amyloid-Beta Protein Production if FILE REFERENCE: P27, 800-B USA if CURRENT APPLICATION NUMBER: US/11/127,877 if CURRENT FILING DATE: 2004-05-12 if PRIOR FILING DATE: 2004-05-12 if PRIOR FILING DATE: 2004-05-12 if PRIOR FILING DATE: 2004-05-14 if PRIOR FILING DATE: 2004-08-24 if NUMBER OF SEQ ID NOS: 590	SOFTWARE: Patentin version 3.3

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70 LYIPSS-LTYWTSGKQACVFWLITDYLLCTASVYNIVLISYDRYQSVSNAVWYRAQHSGT 128
                                                                                                                                                                                                                                                                                                                              89 FSLANEVMGYMYPGKAMCEIYLALDVLFCTSSIVHLCAISLDRYWSITQAIEYNLKRTPR 148
                                                                                                                                                                                                                                                                                                                                                                                                                              206 FAPCLIMILVYVRIYQIAKRRTR-----VPPS------RRGPDAVAAPPG-- 244
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                243 ETTASLGSDKSRRKSSLLPSIRAYKNSNVIASKMGFLSHSDSLALQQREHIELFRARKLA 302
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                                                                                                                                                                                                                                   29 SLQVTLTLVCLAGLLMLLTVFGNVLVIIAVFTSRALKAPQNLFLVSLASADILVATLVIP
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                                                                                                                                                                                                     12 SIKISLTP--LMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFFVGAIAIP
                                                                                                                                                                                                                                                                                                                                                                                                  129 WKIATOMVAVWIFSPMTNGPMILISDSW-----QNSTTECEPGFLKKWYFALPTSLLEF
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US-11-232-805-46

19-232-805-46

Sequence 46, Application US/11232805

Publication No. US20060073508A1

GENERAL INFORMATION:

APPLICANT: Small, Kerten M.

TILLE OF INVENTION: Alpha-2 Adrenergic Receptor Polymorphisms

FILE REFERENCE: 10738-42D

CURRENT FILING DATE: 2005-09-22

NUMBER OF SEQ ID NOS: 69

SOFTWARE: Patentin version 3.2

SEQ ID NO 46
                                                                                                       Length 350;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16.6%; Score 338; DB 7; Length 458; 25.9%; Pred. No. 9e-23; Antive 82; Mismatches 160; Indels 6
                                                                                                                                                       Indels
                                                                                                  Query Match 16.7%; Score 340.5; DB 7; Best Local Similarity 26.7%; Pred. No. 3.9e-23; Matches 102; Conservative 62; Mismatches 129;
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Best Local Similarity 25.9
Matches 107; Conservative
                                     ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           255 RKSSLLPSIRAYKNSNVIASKMGPLSHSDSLALQQREHIBLFRARKLAKSLAILLAAFAI 314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CWAPYSLT------TVIYSFFPERNLTKSTWYHTAFWLQWFNSFVNPFLYPLCH 362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 LMSLLAIAIMLGNVVVILAFIVDRNLRHRSNYFFLNLAIADFFVGAIAIP--LYIPSSLT 77
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gape
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17.5%; Score 356.5; DB 6; Length 27.2%; Pred. No. 1.4e-24; ive 66; Mismatches 139; Indels
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Publication No. US20050266527A1

GENERAL INFORMATION:

APPLICANT: Li et al.

TITLE OF INVENTION: Human G-Protein Receptor HIBEF51

FILE REPERENCE: PP18701C2

CURRENT APPLICATION NUMBER: US/11/165,024

CURRENT FILING DATE: 2005-06-24

PRIOR FILING DATE: 2001-12-10

PRIOR PILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: US 09/228,420

PRIOR FILING DATE: 1999-01-12

PRIOR PILING DATE: 1999-01-12

PRIOR PILING DATE: 1995-06-06

NUMBER OF SEQ ID NOS: 9

SOFTWARE: Patentin version 3.3

LENGTH: 350
GENERAL INFORMATION:
APPLICANT: Li et al.
TITLE OF INVERMATION: Human Amine Receptor
FILE REPERENCE: PP188DIC2
CURRENT APPLICATION NUMBER: US/10/875,716
CURRENT PILING DATE: 2004-06-25
FRIOR APPLICATION NUMBER: US 09/988,745
PRIOR FILING DATE: 2001-11-20
PRIOR FILING DATE: 1999-05-19
PRIOR FILING DATE: 1999-05-19
PRIOR FILING DATE: 1999-05-19
PRIOR FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 10
SEMULTH: 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 27.29
Matches 101; Conservative
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343 IEPRKAPLKIL 353
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US-11-165-024-3
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: : IYRVAKRRTRTLSEKRA	RKE-T	DVEPDESSAABRRRRRGALRRC	SHSDSLALOOREH	SRASSRSVEFFLSRRRRAR	YSFFPERNLTKSTWYHTAFI	YGICREACQUPGPLFKFFF
233	241	282	280	342	326	401
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Search completed: April 27, 2006, 05:58:22 Job time : 28 secs Sequence

sequence 21, Appl Sequence 11, Appl Sequence 1, Appli Sequence 5, Appli Sequence 5, Appli Sequence 6, Appli Sequence 6, Appli Sequence 1, Appli Sequence 1, Appli Sequence 31, Appli Sequence 31, Appli Sequence 1176, Appli Sequence 118, Appli Sequence 118, Appli Sequence 118, Appli Sequence 512, Appli Sequence 512, Appli Sequence 512, Appli Sequence 518, Appli Sequence 518, Appli Sequence 518, Appli Sequence 54, Appli

Title: Perfect score:

Sequence:

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Run on:

Scoring table:

Minimum DB Maximum DB

Searched:

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Length:
Matches:
Conservative:
Mismatches:
Indels:
US-09-642-514-6
US-09-642-852-6
US-09-912-852-6
US-09-912-852-6
US-09-912-852-6
US-09-165-543-1
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APPLICANT: Behan, Jiang Xu
APPLICANT: Hedrick, Joseph A.
APPLICANT: Haz, Thomsa M.
APPLICANT: Monema, Frederick J. Jr.
APPLICANT: Monema, Frederick J. Jr.
APPLICANT: Miland, Shalby P.
APPLICANT: Wang, Suke
TITLE OF INVENTION: Histamine receptor
FILE REPERENCE: CNOIG69
CURRENT APPLICATION NUMBER: US/09/414,010
CURRENT APPLICATION NUMBER: US/09/414,010
CURRENT FILING DATE: 1999-10-07
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 1
LENGTH: 1173
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65.1%
   TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity:
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  Alignment Scores:
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                                                                   April 29, 2006, 14:52:24 ; Search time 324 Seconds (without alignments) 2134.171 Million cell updates/sec
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Sequence 6, Ag
Sequence 6, Ag
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           GenCore version 5.1.7
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Matches:
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                                                                                                                                 APPLICANT: Behan, Jiang Xu
APPLICANT: Hedrick, Joseph A.
APPLICANT: Hedrick, Joseph A.
APPLICANT: Monsana, Frederick J. Jr.
APPLICANT: Monse, Kelley L.
APPLICANT: Winand, Shelby P.
APPLICANT: Wang, Suke
TITLE OF INVENTION: Histermine receptor
FILE REFERENCE: CN01069
CURRENT APPLICATION NUMBER: US/09/812,216
CURRENT APPLICATION NUMBER: 09/414,010
PRIOR APPLICATION NUMBER: 09/414,010
PRIOR FILING DATE: 1999-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTING Ver: 2.1
SEQ ID NO 1
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CACAGTCGGTCAGTATCTTCT 1170
                                        HisAsnArgSerIleSerThr 389
                                                                                                  ; Sequence 1, Application US/09812216; Patent No. 6613533; GENERAL INFORMATION:
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1308.50
77.5%
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ORGANISM: Homo sapiens
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Best Local Similarity:
Query Match:
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Pred. No.:
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                                                 LeuAlaIleAlaIleMetLeuGlyAsnValValValIleLeuAlaPheIleValAspArg 43
                     SerLeuAlaLeuGlnGlnArgGluHisIleGluLeuPheArgAlaArgLysLeuAlaLys
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                                         GluproGlyPheLeuLysLysTrpTyrPheAlaLeuProThrSerLeuLeuGluPheLeu
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                                                                                                 IleProlleLeuLeuValAlaTyrPheSerAlaHisIleTyrTrpSerLeuTrpLysArg
                                                                                                                 GENERAL INFORMATION:

APPLICANT: Chen, Ruoping
APPLICANT: Chen, Ruoping
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
TILE OF INVENTION: Human Orphan G Protein Coupled Receptors
FILE REFERENCE: ARRNO050
CURRENT PLING DATE: 2001-06-06
FRICH APPLICATION NUMBER: 09/417,044
PRIOR PELING DATE: 1999-10-12
PRIOR PELING DATE: 1999-10-12
PRIOR PLING DATE: 1999-02-16
PRIOR PLING DATE: 1999-03-15
PRIOR PLING DATE: 1999-03-15
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PRIOR FILING DATE: 1999-03-12
PRIOR APPLICATION NUMBER: 60/136,436
PRIOR APPLICATION NUMBER: 60/136,437
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-28
PRIOR PLING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: 60/137,127
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: 60/156,653
PRIOR PILING DATE: 1999-09-29
PRIOR PILING DATE: 1999-10-01
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 13
LENGTH: 1173
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NAME/KEY: CDS
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                                                                        Sequence 2, Application US/09891053

Patent No. 6750322

GENERAL INFORMATION:

APPLICANT: Itadani, Hiraku

APPLICANT: Tadani, Hiraku

APPLICANT: Nakamura, Takao

APPLICANT: Nobamura, Takao

APPLICANT: Nobamura, Robayashi, Masahiko

APPLICANT: Hidaka, Yusuke

APPLICANT: Hidaka, Yusuke

APPLICANT: Ohte, Masataka

TITLE OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE (GTP)

TITLE OF INVENTION: BINDING PROTEIN-COUPLED RECEPTOR PROTEINS

FILE REFERENCE: 06501-083001
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CURRENT APPLICATION NUMBER: US/09/891,053
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: PCT/JP99/07280
FRIOR FILING DATE: 1999-12-24
PRIOR FILING DATE: 1999-12-25
PRIOR FILING DATE: 1998-12-25
PRIOR PILING DATE: 1998-12-25
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FASTERE 1999-05-25
LENGTH: 1239
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| 1158 ATGCCGTTGCACAGCTCCTCAAGGGGCACTGAGAGGCCACGC-----
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Matches:
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LOCATION: (1)...(2700)
OTHER INFORMATION: n = A,T,C or
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1021 CCGTACACGCTCAATGATCATCCGAGCTGCTTGCCATGCCCGCTGCATC---CCCGAT 1077
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         298 AlaArgiysLeuAlaiysSerLeuAlaileLeuLeuAlaAlaPheAlaIleCysTrpAla 317
                                                                                                                                                                                                                                                                                                                                                                                            ProTyrSerLeuThrThrValIleTyrSerPhePheProGluArgAsnLeuThrLysSer 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                             338 ThrTrpTyrHisThrAlaPheTrpLeuGlnTrpPheAsnSerPheValAsnProPheLeu 357
                                                                                                                                LeuProAlaArgLysGluThrThrAlaSerLeuGlySerAspLysSerArgArgLysSer 257
                                                                                                                                                                                             SerLeuLeuProSerIleArgAlaTyrLysAsnSerAsnValIleAlaSerLysMetGly 277
                                                                                                                                                                                                                                                            278 PheLeuSerHisSerAspSerLeuAlaLeuGlnGlnArgGluHisIleGluLeuPheArg 297
                              718 gececiagaacececidacagangeceagecenegeaecrecagenececeagenge 777
                                                                -------AspHisGlyHisSerCysArgGlnAspProAspSerArgAlaThr 237
                                                                                                                                               Sequence 5, Application US/09891053
; Sequence 5, Application US/09891053
; Patent No. 6750322
; GENERAL INFORMATION:
; APPLICANT: Tadamia, Hiraku
; APPLICANT: Tadamia, Takao
; APPLICANT: Tadama, Kanahiko
; APPLICANT: Tanaka, Ken-ichi
; APPLICANT: Hidaka, Yusuke
; APPLICANT: Hidaka, Yusuke
; APPLICANT: Ohta, Masataka
; TITLE OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE (GTP)
; TITLE OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE (GTP)
; TITLE OF INVENTION: NOVEL GUANOSINE PROTEINS
; TITLE OF INVENTION: NOVEL GUANOSINE PROTEINS
; TITLE OF INVENTION: NOVEL GUANOSINE PROTEINS
; TITLE OF INVENTION: NUMBER: DS/09/891,053
; CURRENT APPLICATION NUMBER: PCT/JP99/07280
; PRIOR APPLICATION NUMBER: PCT/JP99/0597
; PRIOR APPLICATION NUMBER: DS 11/145661
; PRIOR APPLICATION NUMBER: J99-12-25
; PRIOR PILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO SS 26
                                                                                              778 GGCTGCTGGCCAAAGGGCATGGCGAGGCC----
 HisprovalLeuProSerAspSerSerSerser-
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NAME/KEY: CDS
LOCATION: (351)...(1589)
NAME/KEY: misc_feature
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US-09-891-053-5
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Percent Similarity: 53.5% Conservative: 70 Best Local Similarity: 37.3% Mismatches: 132 Query Match: 33.9% Indels: 69 DB: 2 Gaps:	US-10-626-398-10 (1-389) x US-08-985-090-3 (1-1335)	ysileSer	Db 76 GCGCGCGCTTCTCGGCAGCCTGGACCGCGGTGCTGGCCGCGCCTCATGGCG 126 Ov 23 LeuteuAlaileAlaileMetLeuGlvAsnValValVallieLeuAlaPheileValAsp 42	::: ::: :::	43 ArgasnLeuArgHisArgSerAsnTyrPhePheLeuAsnLeuAlaIleAlaAspPhePhe	DD 187 TCGAGCCICCGCACCCAGAACAACTICTICCIGCICAACCICGCCAICICCGACTICCIC 246 Ov 63 ValglvAlaileAlaileFroLeuTvrileProSerSerLeuThrTvrIroThrSer 81	247 GTCGGCGCTTCTGCATCCCACTGTATGTACCCTACGTGCTGACGGCGCGCTGGACCTTC	Oy 82 GlyLysGlnAlaCysValPheTrpLeuIleThrAspTyrLeuLeuCysThrAlaSerVal 101	Db 307 GGCCGGGGCCTCTGCAAGCTGTGGCTAGTGGACTACCTGCTGTGCACCTCTCTGCC 366	102 TyrAsnileValLeuileSerTyrAspArgTyrGlnSerValSerAsnAlaValTrpTyr 12	Db 367 TTCAACATCGTGCTCATCAGCTACGGCTTCCTGTCGGTCACCCGAGCGGTCTCATAC 426	Oy 122 ArgAlaGlnHisSerGlyThrTrpLysIleAlaThrGlnMetValAlaValTrpIlePhe 141	Qy 142 SerpheMetThrAsnGlyProMetIleLeulleSerAspSerTrpGln 157	Db 487 GCCTTCCTGTACGGACCAGCCATCCTGAGCTGGGAGTACCTGTCCGGG 537	Qy 158AsnSerThrThrGluCysGluProGlyPheLeuLysLysTrpTyrPheAla 174	Db 538 GGCAGCTCCATCCCCGAGGCCACTGCTATGCCGAGTTCTTCTACAACTGCTTC 597	175 LeuProThrSerLeuLeuGluPheLeuIleProIleLeuLeuValAla1yrPheSerAla 1 :::	Db 598 ATCACGGCTTCCACCCTGGAGTTCTTTACGCCCTTCCTCAGCGTCACCTTCTTTAACCTC 657	Qy 195 HislleTyrTrpSerLeuTrpLysArgGluLysLeuSerArgCysLeu 210	Qy 211 SerHisProValLeuProSerAspSerSerSerSer	Db 718 GCGGCCCCGGAGCCCCCCCGAGGCCCAGCCCTCACCACCCCCCTGGCTGCTGG 777	Oy 223 AspHisGlyHisSerCysArgGlnAspProAspSerArg 235	Db 778 GGCTGCTGCAGAAGGGGCACGCCATGCCGCTGCACAGGTATGGG 828	Oy 236 238 238 238	Db 829 GTGGGTGAGGCGCTGAGGCCGGGGAGGCGACGTCGAGGGGGGGG	Qy 239	Db 889 GGCGCCTCCGTGGCTTCACCCCCGGCGGCGCCCCTCGAGGGCGCGCGGGGGGGG	253 SerArgArgLysSerSerLeuLeuProSerIleArgAlaTyrLysAanSerAsnValIle 27	949 CCGCGCTCACTCAAGAGGGCTCCAAGCCGTCGGCGTCCTCGGCCTCACTG	Qy 273 AlaSerLyBheLeuSerHisSerAspSerLeuAlaLeuGlnGlnArgGluHis 292 ::: ::: :::
Qy 278 PheLeuSerHisSerAspSerLeuAlaLeuGlnGlnArgGluHisIleGluLeuPheArg 297	Qy 298 AlaArgLysLeuAlaLysSerLeuAlaIleLeuLeuAlaAlaPheAlaIleCysTrpAla 317	Db 1311 GACAAGAGGGGCCAAGTCGCCATCATCGTGAGCATCTTTGGGCTCTGGGGCG 1370	Qy 318 ProfyrSerLeuThrThrVall1eTyrSerPhePheProGluhrgAsnLeuThrLysSer 337	ThrTrpTyrHisThrAlaPheTrpLeuGlnTrpPheAsnSerPheValAsnProPheLeu	1428 TACTGGTACGAGACGTCCTTCTGTGGGCCGAACTCGGCCGTCAACCCCTCCTC	OY 358 IYIFIOLGUCYBAIBLYBAIGFREGINLYBAIAFNELGULYBILGLEUFOVALAFGGAG 377 DD 1488 TACCCATGTGCCACTA CAGCTTCCGCAGGCCTTCACCCAGGAG 1547	378 GlnSerThrProProfils 383	Db 1548 CTCAAGGTCCAGCCCAC 1565	RESULT 6	; Sequence 3, Application US/08985090 ; Patent No. 5885893	; GENERAL INFORMATION: ; APPLICANT: Andrew D.J. Goodearl	; TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR ; CORRESPONDENCE ADDRESS: 28 ; CORRESPONDENCE ADDRESS:	; ADDRESSER: LAHIVE & COCKFIELD, LLP ; STREET: 28 State Street	; CITY: Boston ; STATE: Massachusetts . Ontwood: 163	COUNTRY USA SIP: 0210 COMPIETED DEADARTE FORM.	; COMPLIAN XACAMAN FORM: ; COMPLIAN PC COMPANY: . COMPLIAND PC COMPANY) OPERATING SYSTEM: PC-DOS/MS-DOS ; SOFTWARE: Patentin Release #1.0, Version #1.25		-	FILING DATE: ; ATTOMEY/GENT INFORMATION: . NAME: Jean M Silver!	; REFISE TATION 39,030 ; REFERENCE/DOCKET NIMBER MIT-032	; TELEPHONE COLL NORMALION: ; TELEPHONE: (617)227-7400	; TELEFAX: (617)742-4214 ; INFORMATION FOR SEO ID NO: 3:		= 5	Ψ.	č		Alignment Scores:	

Query Match: 33.94 Indels: 69 DB: 3 Gaps: 13 US-10-626-398-10 (1-389) x US-09-165-543-3 (1-1335) Qy 3 AlaAsnAsnSerThrIleAlaLeuThrSerIleLy8IleSerLeuThrPheLeuMetSer 22	127 CTGCTCATCGTGGCCACGGTGCTGGCACGCGTGGTCATGCTCGCCTTTCGTGGCCGAC 43 ArgasnieuwargHisargSerAsnTyrPhePheleuwsnieuwlailealawspPhePhe 5:: :::	Qy 63 ValGlyAlaileAlaileProLeuTyrIleProSerSerLeuThrTyrTrpThrSer 81	Db 307 GGCGCGGGGCCTCTGCAGCTGTGTTTTTTTTTTTTTTTT	Qy 142 SerPheMetThrAsnGlyProMetileLeuileSerAspSerTrpGln	175 LeuProThrSerLeuLeuGluPheLeulleProlleLeuLeuValAlaTyrPheSerAla 194		Oy 239
1000 GAGAAGCGCATGAAGATGGTGCCCAGAGCTTCACC	333 AsnLeuThrLysSerThrTrpTyrHisThrAlaPheTrpLeuGlnTrpPheAsnSerPhe :::	DD 1219 GTCAACCCTGTCCTCTACCCTCTGTGCCACCACAGCCTTCCGCCGGGCCTTCACCAAGCTG 1278 Qy 373 LeuProValArgArgGlnSerThrProProHisAsn 384	MESOUL 66-543-3 ; Sequence 3, Application US/09165543 ; Patent No. 6093545 ; PATENT NO. 6093545 ; TITLE OF INVEXTION: ; TITLE OF INVEXTION: NUMBER OF SEQUENCES: 39 ; CORRESPONDENCE ADDRESS: ; ADDRESSES: LAHIVE COCKFIELD, LLP	Interior of the Compatible of Comparison of	COPEMATING SIZEM: FC-DOS/MS-LOS SOFTWARE PATENTIN Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/165,543 FILING DATE: PRIOR APPLICATION: PRIOR APPLICATION: FILING DATE: FILING DATE: ATTORNEY/AGENT INFORMATION: ATTORNEY/AGENT INFORMATION:	NAME: Bliabeth A. Hanley REGISTRATION NUMBER: 33,505 REPERENCE/DOCKET NUMBER: MAI-032CP RELECOMMUNICATION INFORMATION: FELECOMMUNICATION INFORMATION: FELERPAX: (617)242-4214 INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 1335 base pairs TYPE: nucleic acid	STRANDEDNESS: single

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1102 GGGCTCTGCTGGCCCCATACACGCTGCTGATGATCATCCGGGCCGCCTGC---CATGGC 1158
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                                                                                                                                                                                                                              ---AsnSerThrThrGlu-----CysGluProGlyPheLeuLysLysTrpTyrPheAla
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          TyrAsnileValLeuileSerTyrAspArgTyrGlnSerValSerAsnAlaValTrpTyr
                                                          ArgAlaGlnHisSerGlyThrTrpLys1leAlaThrGlnMetValAlaValTrp1lePhe
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GCCTTCCTGCTGTACGGACCAGCCATCCTG-----AGCTGGGAGTACCTGTCCGGG
                                                                                                                                                                                                                LeuProThrSerLeuLeuGluPheLeulleProIleLeuLeuValAlaTyrPheSerAla
                                                                                                                                                                                                                                                                   195 HisileTyrTrpSerLeuTrpLysArgGluLysLeu------SerArgCysLeu
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                                                                                                                                                                                                                                                                                                                                                                                               778 GGCTGCTGCCAGAAGGGCCACGGGGCCATG------CCGCTGCACAGGTATGGG
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                                                                                                                                                                                                                                                                                                                       SerHisProValLeuProSerAspSerSerSer--------
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                                                                 313 AlaileCysTrpAlaProTyrSerLeuThrThrVallleTyrSerPhePheProGluArg 332
                                                                                                   AsnleuThrLysSerThrTrpTyrHisThrAlaPheTrpLeuGlnTrpPheAsnSerPhe 352
                                                                                                                                                     ValAsnProPheLeuTyrProLeuCysHisLysArgPheGlnLysAlaPheLeuLysIle 372
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ValGlyAlaIleAlaIleProLeuTyrIleProSerSerLeuThr---TyrTrpThrSer 81
293 IleGluLeuPheArgAlaArgLygLeuAlaLygSerLeuAlaIleLeuLeuAlaAlaPhe
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                                                                                                                                                                                                                                                                                                                  APPLICANT: LOVenberg, Timothy
APPLICANT: Erlander, Mark
APPLICANT: Brlander, Mark
APPLICANT: Payashree
TAPLICANT: Payashree
TITLE OF INVENTION: DNA ENCODING A HUMAN HISTAMINE RECEPTOR OF 1
TITLE OF INVENTION: SUBTYPE
TITLE OF INVENTION: SUBTYPE
TITLE OF INVENTION: SUBTYPE
TITLE OF INVENTION: 1998-10-07
CURRENT APPLICATION NUMBER: US/09/167,354A
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTI VET. 2.0
SEQ ID NO 6
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                                                                                                                                                                                                                                                                               ; Sequence 6, Application US/09167354A; Patent No. 6136559; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3.15e-63
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US-09-167-354-6
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            APPLICANT: Lovenberg, Timothy
APPLICANT: Elander, Mark
APPLICANT: Brander, Mark
APPLICANT: Pyati, Jayashree
APPLICANT: Pyati, Jayashree
TITLE OF INVENTION: DNA ENCODING A HUMAN HISTAMINE RECEPTOR OF THE H3
TITLE OF INVENTION: SUBTYPE
FILE REPERENCE: JWW
CURRENT APPLICATION NUMBER: US/09/642,855
CURRENT APPLICATION NUMBER: 09/167,354
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
SEG ID NO 6
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ORGANISM: Artificial Sequence
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JAPPLICANT: ETLANGET, MARK
JAPPLICANT: ETLANGET, MARK
JAPPLICANT: FILANGET, JAYASHREE
JAPPLICANT: HUVAT, JANA
TITLE OF INVENTION: SUBTYPE
JITLE OF INVENTION: SUBTYPE
JETLE OF INVENTION: SUBTYPE
CURRENT APPLICATION NUMBER: US/09/642,514
CURRENT FILING DATE: 2000-08-21
PRIOR APPLICATION NUMBER: US 09/167,354
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATCHILL OF THE APPLICANT OF THE HORS OF THE 
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APPLICANT: Erlander, Mark
APPLICANT: Brlander, Mark
APPLICANT: Brlander, Mark
APPLICANT: Brlander, Mark
TITLE OF INVENTION: DNA ENCODING A HUMAN HIS:
TITLE OF INVENTION: SUBTYPE
TITLE OF INVENTION: SUBTYPE
FILE REPERENCE: JWW
CURRENT APPLICATION NUMBER: US/09/642,852
CURRENT FILING DATE: 1990-10-07
PRIOR FILING DATE: 1990-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SERO ID NO 6
LENGTH: 1335
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; Sequence 6, Application US/09642852
; Patent No. 6855560
; GENERAL INFORMATION:
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                                                                                                         APPLICANT: Itadani, Hiraku
APPLICANT: Takimura, Tetsuo
APPLICANT: Takimura, Tetsuo
APPLICANT: Nakamura, Taksu
APPLICANT: Nakamura, Taksu
APPLICANT: Robayashi, Masahiko
APPLICANT: Tanaka, Yusuke
APPLICANT: Hidaka, Yusuke
APPLICANT: Hidaka, Yusuke
TITLE OF INVENTION: BINDING PROTEIN-COUPLED RECEPTOR PROTEINS
TILLE REFERENCE: 0201-09-17
CURRENT APPLICATION NUMBER: PCT/JP99/07280
PRIOR APPLICATION NUMBER: PCT/JP99/07280
PRIOR PRILING DATE: 1999-12-24
PRIOR APPLICATION NUMBER: PCT/JP99/07280
PRIOR PRILING DATE: 1999-12-25
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 21
LENGTH: 2050
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1279 CTCTGCCCCCAGAAGCTCAAAATCCAGCCCCACAGC 1314
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                                                                    Sequence 21, Application US/09891053
Patent No. 6750322
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US-09-891-053-21
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Percent Similarity:
Best Local Similarity:
Query Match:
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                                                                                                 GENERAL INFORMATION:
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                                                         GlyLysGlnAlaCysValPheTrpLeuIleThrAspTyrLeuLeuCysThrAlaSerVal 101
                                                                                                                TyrAsnileValLeuileSerTyrAspArgTyrGlnSerValSerAsnAlaValTrpTyr 121
                                                                                                                                                                       ArgAlaGlnHisSerGlyThrTrpLysIleAlaThrGlnMetValAlaValTrpIlePhe 141
                                                                                                                                                                                                                                                                                   ---AsnSerThrThrGlu-----CysGluProGlyPheLeuLysLysTrpTyrPheAla 174
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Mismatches:
Indels:
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PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 5059
LENGTH: 2665
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689.50
53.5%
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Best Local Similarity:
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; ORGANISM: Human
US-09-949-016-5059
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Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1159 GGCGGCTCCGTGGCTTCACCACCTCCAGCACCACACAGGGCACAGGGCACAGAGAGG 1218
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                                                                                                            ---AsnSerThrThrGlu-----CysGluProGlyPheLeuLysLysTrpTyrPheAla 174
                                                                                                                                  LeuProThrSerLeuLeuGluPheLeuIleProIleLeuLeuValAlaTyrPheSerAla 194
CGGGCCCAGCAGGGGACACGCGGCGGCAGTGCGGAAGATGCTGCTGGTGTGGTGCTGCTG
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                                    SerpheMetThrAsnGlyProMetIleLeuIleSerAspSerTrpGln--
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689.50
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SEQUENCE CHARACTERISTICS:
LENGTH: 2689 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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MOLECULE TYPE: CDNA
FRATURE:
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Best Local Similarity:
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US-08-985-090-1
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                                                                                                                                                                            Sequence 1, Application US/08985090
Patent No. 5885893
GENERAL INFORMATION:
APPLICANT: Andrew D.J. Goodearl
TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
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STREET: 28 State Street
CIITY: Boston
STATE: Massachusetts
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RECISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: MXI-032
TELECOMMUNICATION INFORMATION:
TELEFRHOMS: (617)742-4114
INFORMATION FOR SEQ ID NO: 1:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: PAtentin Release #1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
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37.3%
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
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Best Local Similarity:
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                                                                                                                                                                                                                    ValAsnProPheLeuTyrProLeuCysHisLysArgPheGlnLysAlaPheLeuLysIle 372
                                                                                                                                                                                                273 AlaSerLysMetGlyPheLeuSerHisSerAspSerLeuAlaLeuGlnGlnArgGluHis 292
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                                                                    ------ProAlaArgLysGluThrThrAlaSerLeuGlySerAspLys 252
                                                                                                                                  253 SerargarglysSerSerLeuLeuProSerIleargalaTyrLysAsnSerAsnValIle 272
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APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman
TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1569 CTCTGCCCCCAGAAGCTCAAAATCCAGCCCCACAGC 1604
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CAPRENT APPLICATION DATA:
PILING DATE: US/09/165,543
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ATTORING JAILS
NAME: Elizabeth A. Hanley
REGISTRATION NUMBER: 33,505
REGISTRATION NUMBER: 30,505
REFERENCE/DOCKET NUMBER: MNI-032CP
TELECOMMUNICATION INFORMATION:
TELEPRX: (617)7227-7400
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2689 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street CITY: Boston STATE: Massachusetts COUNTRY: USA
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/042,780
FILING DATE:
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US-09-165-543-1
; Sequence 1, Application US/09165543
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                                                                                    273 AlaSerLysMetGlyPheLeuSerHisSerAspSerLeuAlaLeuGlnGlnArgGluHis 292
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1569 CTCTGCCCCAGAAGCTCAAAATCCAGCCCCACAGC 1604
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Search completed: April 29, 2006, 14:58:20 Job time : 349 secs

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114, App 1
11, App 1
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Sequence Seq

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Title: Perfect score:

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Run on:

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Sequence 7, Application US/10626445

Sequence 7, Application US/10626445

Publication No. US20040248252A1

GENERAL INFORMATION:

APPLICANT: Lovenberg, Timothy

TITLE OF INVENTION: DNAs Encoding Mammalian Histamine Receptor Of The H4 Subtype

FILE REPERENCE: RD-0032

CURRENT PILING DATE: 2003-07-23

CURRENT FILING DATE: 2003-07-22

PRIOR APPLICATION NUMBER: 09/790, 849

PRIOR FILING DATE: 2000-05-31

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn version 3.2

SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 628, Appl
Sequence 19, Appl
Sequence 25, Appl
Sequence 5, Appl
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Matches:
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Indels:
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US-10-522-193-1

US-10-354-769-1

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                         GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                             nucleic search, using frame_plus_p2n model
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US-10-626-126-7

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Match
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-YGAPOP=10 Database : 2025 2025 2025 1308.5 1308.5 1308.5

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Score

Sequence

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APPLICANT: Liv. Changlu
APPLICANT: Liv. Changlu
TITLE REFERENCE: PRD-0033
FILE REFERENCE: PRD-00
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OTHER INFORMATION: Nguyen, et al., Mol. Pharmacol 59(3):427-433 (2001) a.a. sequence
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OTHER INFORMATION: Banyu - Genbank Accession No.: AB045370; WO 01/46414 Al
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JPET 296(3):1058-1066 (2001); U.S. WO 01/25432 A2
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APPLICANT: Gallagher, Michael J.
APPLICANT: Gallagher, Michael J.
APPLICANT: Gallagher, Michael J.
APPLICANT: Sates, Stephen L.
TITLE CANT: Vates, Stephen L.
TITLE OF INVERTION: HISTAMINE RECEPTOR H4 POLYNUCLEOTIDES
FILE REFERENCE: 1367-13335W001
CURRENT APPLICATION NUMBER: US/10/488,421
CURRENT PILLING DATE: 2004-03-01
PRIOR APPLICATION NUMBER: US 60/316,762
PRIOR FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PATENTIN PERSON 3.1
SEQ ID NO SEQ ID NOS: 12
LENGTH: 1170
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NAME/KEY: misc feature
OTHER INFORMATION: Morse, et al., JPET 296(3):1058-1066
OTHER INFORMATION: No. 6,204,017; WO 01/25432 A2
PEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Liu - Genbank Accession No. AF312230
OTHER INFORMATION: Liu - Genbank Accession No. AF312230
OTHER INFORMATION: Liu
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Matches:
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NAME/KEY: CDS
LOCATION: (1)..(1170)
COTHER INFORMATION:
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: H4SEQMORSE
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77.5%
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ORGANISM: Homo Sapiens
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                                                                          GluProGlyPheLeuLysLysTxpTyrPheAlaLeuProThrSerLeuLeuGluPheLeu 183
                                                                                                                                       184 IleProlleLeuLeuValAlaTyrPheSerAlaHisIleTyrTrpSerLeuTrpLysArg 203
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                                                                                                                                                                                                     GluLysleuSerArgCysleuSerHisProvalLeuProSerAspSerSerSerAsp 223
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                                                                                                         GAACCHGGATTTTTTCGGAATGGTACATCCTTGCCATCATCATTCTTGGAATTCGTG
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Mismatches:
Indels:
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PARENTRAL INPORMATION:
APPLICANT: Behan, Jiang Xu
APPLICANT: Hedrick, Joseph A.
APPLICANT: Laz, Thomas M.
APPLICANT: Monsma, Frederick J. Jr.
APPLICANT: Monsma, Frederick J. Jr.
APPLICANT: Monsma, Frederick J. Jr.
APPLICANT: Monsma, Shelby P.
APPLICANT: Wang, Suke
IITLE OF INVENTION: Histamine receptor
FILE REFERENCE: CNOINGS
CURRENT APPLICATION NUMBER: US/09/812,216
CURRENT FILING DATE: 2001-03-19
PRIOR APPLICATION NUMBER: 09/414,010
PRIOR FILING DATE: 1999-10-07
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PARENTIN VET: 2.1
SEQ ID NO 1
SEQ ID NO 1.
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                                                                                       Sequence 1, Application US/09812216
Patent No. US20020098539A1
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1308.50
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ORGANISM: Homo sapiens
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Best Local Similarity:
Query Match:
DB:
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US-09-812-216-1
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                        SerLeuAlaLeuGlnGlnArgGluHis1leGluLeuPheArgAlaArgLysLeuAlaLys
                                                                     SerieualaileieuleualaalaphealaileCysTrpAlaProTyrSerieuThrThr
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Publication No. US20030017528A1

SEGRERAL INCORMATION:

APPLICANT: Dail, Aluong T.

APPLICANT: Dail, Houng T.

APPLICANT: Lin, I-Lin

TITLE REFERENCE: ARENOOSO

CURRENT APPLICATION HUMBER: US/09/875,076

CURRENT APPLICATION HUMBER: US/09/875,076

CURRENT APPLICATION HUMBER: US/01-02-06

FRIOR PILING DATE: 1999-02-16

PRIOR PILING DATE: 1999-02-16

PRIOR PILING DATE: 1999-02-16

PRIOR PELICATION NUMBER: 60/123,946

PRIOR APPLICATION NUMBER: 60/123,946

PRIOR APPLICATION NUMBER: 60/13,946

PRIOR APPLICATION NUMBER: 60/13,946

PRIOR APPLICATION NUMBER: 60/13,946

PRIOR APPLICATION NUMBER: 60/13,949

PRIOR APPLICATION NUMBER: 60/13,946

PRIOR APPLICATION NUMBER: 60/13,949

PRIOR APPLICATION NUMBER: 60/13,949

PRIOR PILING DATE: 1999-05-28

PRIOR PILING DATE: 1999-05-29

PRIOR APPLICATION NUMBER: 60/156,533

PRIOR APPLICATION NUMBER: 60/156,533

PRIOR APPLICATION NUMBER: 60/156,533

PRIOR APPLICATION NUMBER: 60/156,534

PRIOR APPLICATION NUMBER: 60/150,294
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Conservative:
Mismatches:
Indels:
Gaps:
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64.3%
                                                              TYPE: DNA
ORGANISM: Homo sapien
NUMBER OF SEQ ID NOS:
SOPTWARE: FastSEQ for
SEQ ID NO 1
LENGTH: 1173
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790 AGAACCAAGATGAATAGAATACCATCCAAAATGGGTTCCTTCTCCCAATCAGAT 849
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                   730 GTTCCTGCATCCTTCATTCAGAGACAGAGAGAAAGAGTAGTCTCATGTTTCCTCA 789
                                                                                                             SerLeuAlaLeuGlnGlnArgGluHisIleGluLeuPheArgAlaArgLysLeuAlaLys 303
                                                                                                                                                                SerLeuAlaIleLeuLeuAlaAlaPheAlaIleCysTrpAlaProTyrSerLeuThrThr 323
      244 ThrThrAlaSerLeuGlySerAspLysSerArgArgLysSerSerLeuLeuProSerIle 263
                                                                                                                                                                             1030 TTTTGGCTTCAGTGGTTCAATTCCTTTGTCAATCCTCTTTTGTATCCATTGTGTCAAG
                                                        ArgAlaTyrLysAsnSerAsnValIleAlaSerLysMetGlyPheLeuSerHisSerAsp
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1150 CACAGTCGGTCAGTATCTTCT 1170
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Matches:
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Mismatches:
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FRIOR FILING DATE: 1999-10-01
FRIOR APPLICATION NUMBER: 66/157,281
FRIOR PILING DATE: 1999-10-01
FRIOR APPLICATION NUMBER: 66/157,293
FRIOR FILING DATE: 1999-10-01
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                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity:
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                IleValLeulleSerTyrAspArgTyrGlnSerValSerAsnAlaValTrpTyrArgAla 123
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; Sequence 1, Application US/10052193
; Publication No. US20020132755A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer, Inc.;
; TITLE OF INVERTION: HISTAMINE RECEPTOR ANTAGONISTS;
; CURRENT APPLICATION NUMBER: US/10/052,193
; CURRENT FILING DATE: 2002-01-17
; PRIOR FILING DATE: 2001-01-17
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1150 CACAGTCGGTCAGTATCTTCT 1170
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PRIOR APPLICATION NUMBER: 60/152,524
PRIOR PILING DATE: 1999-09-03
PRIOR PILING DATE: 1999-08-03
PRIOR PILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: 60/106,029
PRIOR PILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: 60/136,436
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-00-19
PRIOR PILING DATE: 1999-00-19
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; ORGANISM: Homo sapiens
US-09-876-252-13
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Best Local Similarity:
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LENGTH: 1173
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13. Application US/10272983

| Sequence 13. Application V0. US20030148450A1
| Fublication No. US20030148450A1
| Fublication No. US20030148450A1
| Fublication No. US20030148450A1
| Fublication No. US20030148450A1
| APPLICANT: Chen, Ruoping
| APPLICANT: Lin, I-Lin
| TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
| FILE REFERENCE: ARENOSSO
| CURRENT APPLICATION NUMBER: US/10/272,983
| CURRENT FILING DATE: 1999-10-17
| FRIOR PILING DATE: 1999-10-12
| FRIOR PILING DATE: 1999-10-12
| FRIOR PILING DATE: 1999-02-16
| FRIOR APPLICATION NUMBER: 60/120,416
| FRIOR PILING DATE: 1999-02-16
| FRIOR PILING DATE: 1999-02-16
| FRIOR PILING DATE: 1999-03-12
| FRIOR PILING DATE: 1999-05-28
| FRIOR PILING DATE: 1999-05-28
| FRIOR PILING DATE: 1999-05-28
| FRIOR APPLICATION NUMBER: 60/136,436
| FRIOR PILING DATE: 1999-05-28
| FRIOR APPLICATION NUMBER: 60/136,437
| FRIOR PILING DATE: 1999-05-28
| FRIOR PILING DATE: 1999-05-28
| FRIOR APPLICATION NUMBER: 60/136,437
| FRIOR PILING DATE: 1999-05-28
| FRIOR PILING DATE: 1999-05-38
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SOFTWARE: Patentin Ver. 2.
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| GENERAL INFORMATION: | APPLICANT: Pfizer Inc. |
| APPLICANT: Pfizer Inc. |
| APPLICANT: Peter, Beate | ITILE OF INVENTION: NOVEL POLYPEPTIDE |
| TILE REFERENCE: PC10373B | CURRENT APPLICATION NUMBER: US/10/354,769 |
| CURRENT APPLICATION NUMBER: US 09/698,801 |
| PRIOR FILING DATE: 2000-10-27 |
| PRIOR FILING DATE: 2000-10-27 |
| PRIOR FILING DATE: 2000-6-14 |
| PRIOR FILING DATE: 2000-6-14 |
| PRIOR FILING DATE: 1999-10-29 |
| PRIOR APPLICATION NUMBER: GB 9925641.4 |
| PRIOR APPLICATION NUMBER: GB 009973.9 |
| PRIOR APPLICATION NUMBER: GB 0009973.9 |
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PRIOR APPLICATION NUMBER: 60/121,851
PRIOR PILING DATE: 1999-02-26
PRIOR PLING DATE: 1999-02-26
PRIOR PLING DATE: 1999-03-12
PRIOR PPLICATION NUMBER: 60/123,949
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Query Match:
DB:
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Sequence 13, Application US/10417820A

| Sequence 13, Application US/2003022916A1
| Publication NO. US2003022916A1
| Publication NO. US2003022916A1
| GENERAL INPORMATION:
| APPLICANT: Chen, Ruoping
| APPLICANT: Liaw, Chen W.
| APPLICANT: Lowitz, Kevin
| APPLICANT: Chalmers, Derek T.
| APPLICANT: Chalmers, Derek T.
| APPLICANT: Chalmers, Dominic P.
| TITLE OF INVENTION: Receptors
| FILE REFERENCE: 7. US28.CO.
| CURRENT APPLICATION NUMBER: US/10/417,820A
| CURRENT FILING DATE: 1999-10-12
| PRIOR PILING DATE: 1999-10-13
| PRIOR FILING DATE: 1999-10-13
| PRIOR FILING DATE: 1999-02-16
| PRIOR PILING DATE: 1999-02-16
| PRIOR FILING DATE: 1999-02-16
| PRIOR FILING DATE: 1999-02-16
| PRIOR FILING DATE: 1999-03-12
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PRIOR APPLICATION NUMBER: 60/123,948
PRIOR PILING DATE: 1999-03-12
PRIOR PILING DATE: 1999-03-12
PRIOR PILING DATE: 1999-03-12
Remaining Prior Application data removed:
NUMBER OF SEQ ID NOS: 155
SOFTWARE: PatentIn version 3.2
LENGTH: 1173
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                                                                                                  324 ValileTyrSerPhePheProGluArgAsnLeuThrLysSerThrTrpTyrHisThrAla
GTTCCTGCATCCTTTCAGAGAGAGAGAGAGAAAAGAGTGTTTTTCCTCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | GENERAL INFORMATION:
| APPLICANT: Aubart, Kelly
| APPLICANT: House, Derk
| APPLICANT: Bergema, Derk
| APPLICANT: Fitzgerald, Laura
| APPLICANT: Fitzgerald, Laura
| APPLICANT: Graybill, Todd
| APPLICANT: Graybill, Todd
| APPLICANT: Michalovich, David
| APPLICANT: Morrow, Dwight
| APPLICANT: Shu, Yuan
| TITLE OF INVENTION: AXOR35, A G-Protein Coupled Receptor
| FILE OF INVENTION: AXOR35, A G-Protein Coupled Receptor
| FILE OF INVENTION: AXOR35, A G-Protein Coupled Receptor
| FILE OF INVENTION: AXOR35, A G-Protein Coupled Receptor
| FILE OF INVENTION: AXOR35, A G-Protein Coupled Receptor
| FILE OF INVENTION: AXOR35, A G-Protein Coupled Receptor
| FILE OF INVENTION: AXOR35, A G-Protein Coupled Receptor
| FILE OF INVENTION: AXOR35, A G-PROTEING DATE: 2000-10-20
| FRIOR FILING DATE: 
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                                                                GlnAlaCysValPheTrpLeuIleThrAspTyrLeuLeuCysThrAlaSerValTyrAsn 103
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                                                                                                         GluLysLeuSerArgCysLeuSerHisProValLeuProSerAspSerSerSerAsp 223
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                                             184 IleProlleLeuLeuValalaTyrPheSeralaHisIleTyrTrpSerLeuTrpLysArg
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1150 CACAGTCGGTCAGTATCTTCT 1170
                        HisAsnArgSerIleSerThr 389
                                                                    Sequence 13, Application US/10723955 Publication No. US20040110238A1 GENERAL INFORMATION:
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US-10-723-955-13
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Best Local Similarity:
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Pred. No.:
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LENGTH: 1173
                                                      RESULT 15
US-10-723-955-13
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Wed May 3 10:15:16 2006

Search completed: April 30, 2006, 02:07:09 Job time : 3206 secs

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score:

Title: Perfect

Sequence:

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Sequence 3691, Ap Sequence 14, Appl Sequence 14, Appl Sequence 14, Appl Sequence 2435, Ap Sequence 2435, Ap Sequence 2114, Appl Sequence 751, Appl Sequence 751, Appl Sequence 14, Appl Sequence 14, Appl Sequence 14, Appl Sequence 14, Appl Sequence 241, Appl Sequence 2642, Appl Sequence 2642, Appl Sequence 2642, Appl Sequence 2645, Appl Sequence 2644, Appl Sequence 2644, Appl Sequence 2668, Appl Sequence 2668, Appl Sequence 370, Appl Sequence 370, Appl Sequence 347, Appl Sequence 347, Appl Sequence 2688, Appl Sequence 24, Appl Sequence 2688, Appl Sequence 26
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| Publication No. US20060078900A1
| GENERAL INFORMATION:
| APPLICANT: Mendrick, Donna
| APPLICANT: Mendrick, Donna
| APPLICANT: Mendrick, Mory
| APPLICANT: Gastle, Arthur
| APPLICANT: Castle, Michael
| TITLE OF INVENTION: Molecular Toxicology Modeling
| FILE REFERENCE: 44921-5089-US
| TITLE OF INVENTION: Molecular Toxicology Modeling
| FILE REFERENCE: 44921-5089-US
| TITLE OF ILLING DATE: 2005-01-18
| PRIOR FILING DATE: 2002-05-22
| PRIOR FILING DATE: 2001-05-22
| PRIOR FILING DATE: 2001-05-22
| PRIOR FILING DATE: 2001-06-13
| PRIOR FILING DATE: 2001-06-13
| PRIOR APPLICATION NUMBER: US 60/297,523
| PRIOR APPLICATION NUMBER: US 60/298,925
| PRIOR APPLICATION NUMBER: US 60/303,810
| PRIOR PRILING DATE: 2001-07-10
| PRIOR APPLICATION NUMBER: US 60/303,810
                                                 US-11-136-527-2691

US-11-136-527-2691

US-11-106-196-1455

US-11-127-877-17

US-11-127-877-17

US-11-126-527-2435

US-11-126-527-2435

US-11-136-527-3114

US-11-136-527-3174

US-11-136-527-3174

US-11-136-527-377

US-11-128-061-892

US-11-128-061-892

US-11-128-061-892

US-11-128-061-892

US-11-136-527-2642

US-11-136-527-2644

US-11-136-527-2645

US-11-136-527-2648

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US-11-136-527-3427

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US-11-232-805-24
US-11-136-527-3388
US-11-136-527-2149
US-11-136-527-2107
US-11-232-805-2
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| SIDSS/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
| SIDSS/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
| SIDSS/ptodata/2/pubpna/NEW_PUB.seq:*
| SIDSS/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
                                                                                                                                                                                        April 29, 2006, 23:57:49 ; Search time 570 Seconds
                          GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                         - nucleic search, using frame_plus_p2n model
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US-11-136-527-3990
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Listing first 45 summaries
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Xgapop 10.0, Xgapext
Ygapop 10.0, Ygapext
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Database :

Score 681.5 681.5

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                                                                                      1115 GGCTGCTGGCCAAAAGGGCATGCGAGGCCATG------CCGTTGCACAGGTATGGG
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APPLICANT: Woults, William M

TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)

CURRENT APPLICATION NUMBER: US, 11/136, 527

CURRENT FILING DATE: 2005-05-25

PRIOR APPLICATION NUMBER: US 60/574, 294

PRIOR PILING DATE: 2005-05-26

NUMBER OF SEQ ID NOS: 362830

SOFTWARE: Patentin version 3.2

SEQ ID NO 3999
                                                              ---AsphisGlyHisSerCysArgGlnAspProAspSerArg---
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PRIOR APPLICATION NUMBER: US 60/303,808
PRIOR PELICATION NUMBER: US 60/303,808
PRIOR FILING DATE: 2001-07-10
PRIOR PILING DATE: 2001-09-28
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-01-01
PRIOR FILING DATE: 2001-11-01
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2221
SOFTWARE: PATCHIN Ver. 2.1
SEG ID NO 2003
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                          313 AlaIleCysTrpAlaProTyrSerLeuThrThrVallleTyrSerPhePheProGluArg
                                              353 ValAsnProPheLeuTyrProLeuCysHisLysArgPheGlnLysAlaPheLeuLysIle
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                                                                                                                                                                                                                                                                                                                                                                           Rat Genes
                                                                                                                                                                                                                                                                                        Sequence 127, Application US/11136527

Publication No. US20050287570A1

GENERAL INPORMATION:
APPLICANT: Wyeth
TITLE REPERENCE: 01396-041000 (AM101086)
CURRENT PILICATION NUMBER: US/11/136,527

CURRENT PILICE DATE: 2005-05-25

PRIOR PILICATION DATE: 2005-05-26

PRIOR FILING DATE: 2005-05-26
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SOFTWARE: Patentin version 3.2
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Best Local Similarity:
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814 GCCTTCCTGCTGTATGGGCCTGCCATCCTG------AGTTGGGAGTACCTGTCTGGT 864
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     865 GGCAGTTCCATCCCCGAGGGCCACTGCTATGCTGAGTTCTTCTACAACTGGTACTTTCTC 924
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                                                                                                                  43 ArgAsnLeuArgHisArgSerAsnTyrPhePheLeuAsnLeuAlaileAlaAspPhePhe
                                                                                                                                                                          514 TCGAGCCTCCGCACCCAGAACAACTTCTTTCTGCTCAACCTCGCCATCTCCGACTTCCTC
                                                                                                                                                                                                                    ValGlyAlaIleAlaIleProLeuTyrIleProSerSerLeuThr---TyrTrpThrSer
                                                                                                                                                                                                                                       574 GIGGGIGCCTICTGCAICCCAITGIACGIACCCIAIGIGGGCCGCTGGACCTIC
                                                                                                                                                                                                                                                                                                  754 AGGGCCCAGCAGGGGGACACGAGGCGCCGTTCGGAAGATGGCACTGGTGTGGGTGCTG
                                                                                                 LeuleuAlaIleAlaIleMetLeuGlyAsnValValValIleLeuAlaPheIleValAsp
                                      3 AlaAsnAsnSerThrIleAlaLeuThrSerIleLysIleSerLeuThrPheLeuMetSer
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                                                                                                                                                                                                                                                                                                                                                                                                     236 ------AlaThrLeuProAlaArgLysGluThrThrAlaSerLeuGlySerAspLys 252
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                                                 SerPheMetThrAsnGlyProMetIleLeuIleSerAspSerTrpGln----- 157
                                                                                                158 ---AsnSerThrThrGlu-----CysGluProGlyPheLeuLysLysTrpTyrPheAla 174
                                                                                                                                                   LeuProThrSerLeuLeuGluPheLeuIleProIleLeuLeuValAlaTyrPheSerAla 194
                                                                                                                                                                195 HisileTyrTrpSerLeuTrpLysArgGluLysLeu-----SerArgCysLeuSer 211
ArgalaGlnHisSerGlyThrTrpLysIleAlaThrGlnMetValAlaValTrpllePhe 141
                875 gecagriccarccccadegcccacridcrargcreagrictrcracaacridgracriftcrc 934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     313 AlalleCysTrpAlaProTyrSerLeuThrThrVallleTyrSerPhePheProGluArg
                                                                   ::|||:::
324 GCCTTCCTGTATGGGCCTGCCATCCTG-----AGTTGGGAGTACCTGTCTGGT
                                                                                                                                                                                                                                                      212 HisProvalLeuProSerAspSerSerSerSer-------
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98 ThralaSerValTyrAsnileValLeuileSerTyrAspArgTyrGlnSerValSerAsn 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         62 Phe------ValGlyAlaileAlaileProLeuTyrIleProSerSerLeuThr 77
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APPLICANT: BURKNEN, NAI, KARNA, FAITAIN A.;
APPLICANT: ARVIZU, Chandra S.; ROOPA, Reddy M.;
APPLICANT: ARVIZU, Chandra S.; ROOPA, Reddy M.;
APPLICANT: NUVYEN, Danniel B.; LEE, Exrestine A.;
APPLICANT: WALSH, RODETICA E. I.EB, Exrestine A.;
APPLICANT: WALSH, RODETIC M.; TSON, Craig H.;
APPLICANT: WALSH, RODETIC T.; POLICKY, Jennifer L.
TITLE OF INVENTION: G-PROTEIN COUPLED RECEPTORS
FILE REFERENCE: PI-0236 USN
CURRENT APPLICATION NUMBER: US/10/398,036
PRIOR FILING DATE: 2005-10-04
PRIOR FILING DATE: 2000-10-13
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-03
PRIOR PLING DATE: 2000-10-13
PRIOR PLING DATE: 2000-10-13
PRIOR PLING DATE: 2000-11-15
PRIOR FILING DATE: 2000-11-15
PRIOR FILING DATE: 2000-11-15
PRIOR FILING DATE: 2000-11-03
PRIOR PRIOR FILING DATE: 2000-11-03
PRIOR PRIOR FILING DATE: 2000-11-03
PRIOR PRIOR FILING DATE: 2000-03-29
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THORNTON, Michael B.; KALLICK, Deborah YAO, Monique G.; ELLIOTT, Vicki S.; BURFORD, Neil; KHAN, Farrah A.;
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Matches:
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SOFTWARE: PERL Program
SEQ ID NO 19
LENGTH: 1326
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Best Local Similarity:
Query Match:
DB:
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APPLICANT: INCYTE GENOMICS INC., BAUGHN, Mariah R.;
APPLICANT: GRAUL Richard C.; CHAMIA, Narinder K.;
APPLICANT: GANDHI, Ameena R.; HAFALIA, April J.A.;
APPLICANT: RAMKUMAR, Jayalaxmi; TRIBOULEY, Catherine M.;

Sequence 19, Application US/11241956 Publication No. US20060024792A1 GENERAL INFORMATION:

152 SeraspSerTrpGlnAsnSerThrThr	1202 CTCGGGGCCCACTATTCCATTGCCCTCAGGCTTCCAGGCCATAGCTCCTCTT 1261 1262 1263 1264 1264 1265 1
6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 8 8 8 8 8
Oy 138 ValTupilePheSerPheMetThrAsnGlyProMetileLeuileSerhapSerTrgGln 157 [Alignment Scores: 133 Pered. No.: 109-50 Macches: 133 Scores: 109-50 Macches: 133 Scores: 10-626-398-10 (1-389) Mismatches: 143 Mismatches: 143 Odery Match: 14

	0y 222	261 OSerileArgAlaTyrLysAsnSerAsnVallleAlaSerLys	1921 GGAGGCCACGCTGACAGAGCTTTGCTCTCAAGACCAGAAGTCACCAGGGGGAA 1980 291 uHis11eGluLeuPheargAlaArgLysLeuAlaLysSerLeuAlaIleLeuLeuAlaA 311 1981 GGATGTCGCTCATCAAGAGAAGAAGCCCCCAGAGCGCTCAGTGCCATTGCTAGC 2040 311 aPheAlaIleCysTrpAlaProTyrSerLeuThrThrVallleTyrSerPhePheProGl 331 1
Qy 370 uLyBIleLeuProVal	# APPLICANT: Wyeln # APPLICANT: Wounts, William M # TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes # TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes # FILE REFERENCE: 031896-041000 (AM/01086) # CURRENT APPLICATION NUMBER: US 60/574,294 # PRIOR APPLICATION NUMBER: US 60/574,294 # PRIOR PILING DATE: 2005-05-26 # NUMBER OF SEQ ID NOS: 362830 # SOFTWARE: PatentIn version 3.2 # SEQ ID NO 2030 # LENGTH: 4095 # TYPE: DNA # ORGANIEM: Rattus norvegicus # US-11-136-527-2030	Alignment Scores: 2.76e-26	Qy 55 AsnLeualailealaaAspPhePheValGlyalailealaileProLeuTyr-IleProSe 74 :::

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946 ATCCAGGAGGAAGTACGGTCGCTGTCACTTCTGGTTCACCACCAGAGGCTGGAAGCCCAG 1005
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1414 GGAGGCCACGCTGGCTAAGAGGTTTTGCTCTCAAGACCCAGAAGTCAGATCACCAAGCGGAA 1473
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                                                                                                   113 nSerValSerAsnAlaValTrpTyrArgAlaGlnHisSerGlyThrTrpLysIleAlaTh 133
                                                                                                                                                                                    133 rGlnMetValAlaValTrpIlePheSerPheMetThrAsnGlyProMetIleLeuIleSe 153
                                                                                                                                                                                                                                                                     153 rAspSerTrpGlnAsnSerThrThr------GluCysGluProGlyPheLeuLy 169
                                                                                                                                                                                                                                                                                                                                                                        118 TGAGCCCACCATCACCTTCGGCACGCGATCGCTGTTTTACATGCCTGTCACCATCAT 777
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  169 sLysTrpTyrPheAlaLeuProThrSerLeuLeuGluPheLeuIleProIleLeuLeuVa 189
                                                                                                                                                                                                                                                                                                                                                                                                                                  189 lAlaTyrPheSerAlaHisIleTyrTrpSerLeuTrpLysArg---GluLysLeuSerAr 208
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                                              |||||:::
| CTATGTGGCCAGCAATGCCTCTGTCATCTGCTGGTCATCAGCTTTGACAGGTACTT
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NUMBER OF SEQ ID NOS: 2221
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1495
LENGTH: 3578
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APPLICANT: Porter, Mark
APPLICANT: Johnson, Kory
APPLICANT: Johnson, Kory
APPLICANT: Gastle, Arthur
APPLICANTON NUMBER: US/11/036,196
CURRENT FILING DATE: 2005-01-18
PRIOR APPLICATION NUMBER: US 60/292,335
PRIOR PILING DATE: 2001-06-22
PRIOR FILING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
PRIOR PLING DATE: 2001-06-19
PRIOR PLING DATE: 2001-07-10
PRIOR PLING DATE: 2001-07-10
PRIOR FILING DATE: 2001-09-27
PRIOR PLING DATE: 2001-09-27
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2275 GTCGGTCATTTTTCACAAGCGA 2296
                                                                            Sequence 1495, Application US/11036196 Publication No. US20060078900A1 GENERAL INFORMATION: APPLICANT: Mendrick, Donna
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Sequence 17, Application US/11127877

Publication No. US20050287565A1

GENERAL INFORMATION:
APPLICANT: Merchlers, Pascal G.
APPLICANT: Merchlers, Pascal G.
APPLICANT: Leaenn, Wendy
TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
TITLE OF INVENTION: Amyloid-Beta Protein Production
FILE REFREENCE: P27, 800-8 USA
CURRENT FILING DATE: 2006-05-12
PRIOR FILING DATE: 2004-05-12
PRIOR FILING DATE: 2004-06-12

PRIOR FILING DATE: 2004-08-24

NUMBER OF SEQ ID NOS: 590

SEQ ID NO 17

LENGTH: 1773
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1767 GCTCCTTTGTGCCAGTGTGACAAAGGAAGGGGGGCAAACAGCAGCAGTACCAGCAGAGACA 1767
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   aPheAlaileCysTrpAlaProTyrSerLeuThrThrValIleTyrSerPhePheProGl 331
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                   1194 GGTGGACTTGGAGAGGAAAAGCCGACAAGCGCCCAGAAGAGCGTGGACGATGGAGG
                                                             LysllealaThrGlnMetValAlaVal ---TrpIlePheSerPheMetThrAsnGlyPro
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APPLICANT: Michele Cargill
APPLICANT: James J. Devlin
APPLICANT: May Luke
TITLE OF INVENTION: Genetic Polymorphisms Associated with
TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof
FILE REVERENCE: CL001524
CURRENT APPLICATION NUMBER: US/11/124,368A
CURRENT PILING DATE: 2004-05-09
PRIOR APPLICATION NUMBER: US 60/568,845
PRIOR PLILING DATE: 2004-05-07
PRIOR PLILING DATE: 2004-11-09
NUMBER OF SEQ ID NOS: 21112
SEQ ID NO 14
LENGTH: 1974
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1494 TGCCTTCATCATCACTTGGACCCCATACAACATCATGGTTCTGGTGAACACCTTTTTGTGA
                                                    C-----AGCTGCATACCCAAAACCTTTTGGAATCTGGGCTACTGGCTGTGCTACAAACCTACAAAA
                                                                                           nSerPheValAsnProPheLeuTyrProLeuCysHisLysArgPheGlnLysAlaPheLe
                             330 oGluArgAsnLeuThrLysSerThrTrpTyrHisThrAlaPheTrpLeuGlnTrpPheAs
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Conservative:
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                                                                                                                                                                                                                      gGlnSerThrProProHisAsnArgSer 386
                                                                                                                                                       370 uLysileLeuProVal-------
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403.50
39.2%
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Best Local Similarity:
Query Match:
DB:
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US-11-124-368A-14
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1397 CCTTCTGTCTCCAGCAGCTCATAGACCCAAGAGTCAGAAATGTGTGGGCCTATAAGTT 1456
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858 GAGTGCCAGATCCCAGTTTCTCTGAGCCCACCATCACTTTTGGCACTGCCGTTGCTGCC 917
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                                                    GluCysGluProGlyPheLeuLysLysTrpTyrPheAlaLeuProThrSerLeuLeuGlu 181
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                  ---TGCTGGCAGTACTTGGTTGGAAGCGGACAGTTCCACTGGAT
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                                                                                                                                                       Sequence 5, Application US/11127877

Publication No. US20050287565A1

GENERAL INPROMATION:

APPLICANT: Merchiers, Pascal G.

APPLICANT: Boittaels, Koenraad F. F.

APPLICANT: Spittaels, Koenraad F. F.

APPLICANT: Laenen, Wench

ITILE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting

ITILE OF INVENTION: Amyloid-Beta Protein Production

FRIOR PELICATION NUMBER: 60/570,352

PRIOR PELICATION NUMBER: 60/570,352

PRIOR PELING DATE: 2004-08-12

PRIOR PELING DATE: 2004-08-24

NUMBER OF SEQ ID NOS: 590

SOFTWARE: PatentIn version 3.3

SEQ ID NO 5

LENGTH: 2699
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Best Local Similarity:
Query Match:
DB:
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Sequence 751, Application US/11136527

Publication No. US20050287570A1

GENERAL INFORMATION:
APPLICANT: Wyeth

TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REPERENCE: 031896-04100 (AMI01086)

CURRENT APPLICATION NUMBER: US/11/136,527

CURRENT FILING DATE: 2005-05-25

PRIOR PILLING DATE: 2005-05-26

NUMBER OF SEQ ID NOS: 365830

SOFTWARE: PatentIn version 3.2

LENGTH: 3741
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sSerCysArgGlnAspProAspSerArgAlaThrLeuProAlaArgLysGluThrThrAl 246
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                                                                                                                            Rat Genes
      Sequence 3114, Application US/11136527

Publication No. US20050287570A1

GENERAL INFORMATION:

APPLICANT: Wyeth

TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat

TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat

TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat

FILE REPERENCE: 031896-041000 (AM101086)

CURRENT APPLICATION NUMBER: US 11/136,527

CURRENT FILING DATE: 2005-05-25

PRIOR FILING DATE: 2005-05-26

NUMBER OF SEQ ID NOS: 362830

SOFTWARE: PatentIn version 3.2

SENGENT ARRAYS FOR SEQ 1314
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117
71
145
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Matches:
Conservative:
Mismatches:
Indels:
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392.00
44.2%
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Best Local Similarity:
Query Match:
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Qy 289	313 AlaileCysTrpalaProTyrSerLeuThrThrValileTyrSerPhePheProGluArg :::	Qy 353 ValAsnProPheLeuTyrProLeuCysHisLysArgPheGlnLysAlaPheLeuLysIle 372 bb 2380 CTGAACCCCTCATCTACCCSCTGTGCAACGAGAACTTCAAGAAGATT 2439 Qy 373 LeuProValArg 376 Db 2440 CTGCACATTCGT 2451 RESULT 14	US-11-136-527-2377 ; Sequence 2377, Application US/11136527 ; Publication No. US20050287570A1 ; GENERAL INFORMATION: ; APPLICANT: Wyeth ; APPLICANT: Wouts, William M ; TITLE OF INVENTION: PODE ATTENDATION: PLOBE ATTENDATION: PLOBE ATTENDATION: PODE ATTENDATION: PO	CURRENT APPLICATION NUMBER: US/11/136,527 CURRENT FILING DATE: 2005-05-25 FRIOR APPLICATION NUMBER: US 60/574,294 PRIOR FILING DATE: 2005-05-26 NUMBER OF SEQ ID NOS: 362830 SOFTWARE: Patentin version 3.2 SEQ ID NO 2377	; TYPE: DNA ; ORGANISM: Rattus norvegicus US-11-136-527-2377	Alignment Scores: 7.33e-25 Length: 1862 Pred. No.: 387.00 Matches: 115 Score: Percent Similarity: 28.7% Mismatches: 139 Query Match: 19.0% Indels: 84 DB: 14 Gaps: 16	US-10-626-398-10 (1-389) x US-11-136-527-2377 (1-1862) Qy	Oy 24	Qy 40 IleValAspArgAsnLeuArgHisArgSerAsnTyrPhePheLeuAsnLeuAlaileAla 59
-10-626-398-10 (1-389) x US-11-136-527-751 (1-3741)	Db 1150 AGTGARGCTACACCGTGGGCAACCTRTACATTGTCAGCCTGTCKGTRGCAGGC 1209	98 ThralaserValTyrAsnileValLeuileSerTyrAspArgTyrGlnSerValSerAsn	Qy 138 ValTrpllePheSerPheMetThrAsnGlyProMetIleLeuIleSerAspSerTrpGln 157	Oy 170 LysTrpTyrPheAlaLeuProThrSerLeuLeuGluPheLeuIleProIleLeuLeuVal 189 1549 GTCACTTGGTTCAAGATCATGACYGCYATYATYAACTTCTACCTCCCCACTTTGCTYATR 1608 Oy 190 AlaTyrPheSerAlaHisIleTyrTrpSerLeuTrpLysArgGluLysLeuSerArgCyg 209 1609 CTGTGGTTCTATGTGAAGACTGTGCGGCGAACTGTCAGCACGGC 1665	Qy 210 LeuSerHisProValLeuProSerAspSerSerSerSerAspHisGly 225	Qy 226 HisserCysArg	Qy 247 SerLeuGlySerAspLysSerArgArgLysSerSerLeuLeuProSerIleArg 264 ::::: :::: :::::	Db 1906 RTCATGCAGAWACAGYCTGTGSCTGAGGGAGATGYCAGGGGCTCAAGGCCAATGAYCAG 1965 Qy 271 ValilealaSer	Db 1966 RCCTTGAGCCGCAAAATGGATGAGCGGGGGCTGARTACTTGYCGGCGGATCAGTGAG 2025 Qy 279 LeuSerHisSerAspSerLeuAlaLeuGlnGln

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                                                                       AlaSerValTyrAsnIleValLeuileSerTyrAspArgTyrGlnSerValSerAsnAla 118
                                                                                        119 ValTrpjyrArgAlaGlnHisSerGlyThrTrpLyslleAlaThrGln----- 134
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309 reseccrinescasserenciecaararciessesesesesesas de refranscristada 368
                              TrpThrSerGlyLysGlnAlaCysValPheTrpLeuIleThrAspTyrLeuLeuCysThr 98
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RESULT 15 US-11-127-877-14

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Sequence 14, Application US/11127877

Publication No. US20050287565A1

GENERAL INFORMATION:
APPLICANT: Merchiers, Pascal G.
APPLICANT: Merchiers, Pascal G.
APPLICANT: Application, Wendy
TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
TITLE OF INVENTION: Amyloid-Beta Protein Production
FILE REFRENCE: P27,800-B USA
CURRENT APPLICATION NUMBER: 0570,352
PRIOR APPLICATION NUMBER: 60/570,352
PRIOR FILING DATE: 2004-05-12
PRIOR FILING DATE: 2004-05-12
PRIOR FILING DATE: 2004-08-12
PRIOR FILING DATE: 2004-08-12
PRIOR FILING DATE: 2004-08-14
SOFTWARE: Patentin version 3.3
SOFTWARE: Patentin version 3.3
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                                                  203 ArgGluLysLeuSerArgCysLeuSerHisProValLeuProSerAspSerSerSerSer
                                                                                                  223 AspHisGlyHisSerCysArgGlnAspProAspSerArgAlaThrLeuProAlaArgLys 242
                                                                                                                                                   243 GluThrThrAlaSerLeuGlySerAspLysSerArgArglysSerSerLeuLeuProSer 262
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183 LeulleProlleLeuLeuValAlaTyrPheSerAlaHislleTyrTrpSerLeuTrpLys 202
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